Connecting via Winsock to STN

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LOGINID:ssspta1617sxw

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	OCT 23	The Derwent World Patents Index suite of databases on STN has been enhanced and reloaded
NEWS 4	OCT 30	CHEMLIST enhanced with new search and display field
NEWS 5	NOV 03	JAPIO enhanced with IPC 8 features and functionality
NEWS 6	NOV 10	CA/CAplus F-Term thesaurus enhanced
NEWS 7	NOV 10	STN Express with Discover! free maintenance release Version 8.01c now available
NEWS 8	NOV 20	CA/CAplus to MARPAT accession number crossover limit increased to 50,000
NEWS 9	DEC 01	CAS REGISTRY updated with new ambiguity codes
NEWS 10	DEC 11	CAS REGISTRY chemical nomenclature enhanced
NEWS 11	DEC 14	WPIDS/WPINDEX/WPIX manual codes updated
NEWS 12	DEC 14	GBFULL and FRFULL enhanced with IPC 8 features and functionality
NEWS 13	DEC 18	CA/CAplus pre-1967 chemical substance index entries enhanced with preparation role
NEWS 14	DEC 18	CA/CAplus patent kind codes updated
NEWS 15	DEC 18	MARPAT to CA/CAplus accession number crossover limit increased to 50,000
NEWS 16	DEC 18	MEDLINE updated in preparation for 2007 reload
NEWS 17	DEC 27	CA/CAplus enhanced with more pre-1907 records
NEWS 18	JAN 08	CHEMLIST enhanced with New Zealand Inventory of Chemicals
NEWS 19	JAN 16	CA/CAplus Company Name Thesaurus enhanced and reloaded
NEWS 20	JAN 16	IPC version 2007.01 thesaurus available on STN
NEWS 21	JAN 16	WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS 22	JAN 22	CA/CAplus updated with revised CAS roles
NEWS 23	JAN 22	CA/CAplus enhanced with patent applications from India
NEWS 24	JAN 29	PHAR reloaded with new search and display fields
NEWS 25	JAN 29	CAS Registry Number crossover limit increased to 300,000 in multiple databases

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8
NEWS X25	X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 17:18:56 ON 01 FEB 2007

=> file reg
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                         0.42       0.42

FILE 'REGISTRY' ENTERED AT 17:20:12 ON 01 FEB 2007
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STRUCTURE FILE UPDATES:   31 JAN 2007  HIGHEST RN 918932-71-5
DICTIONARY FILE UPDATES:  31 JAN 2007  HIGHEST RN 918932-71-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading C:\Program Files\Stnexp\Queries\10614363.str

L1      STRUCTURE UPLOADED

=> s l1 sam
SAMPLE SEARCH INITIATED 17:20:38 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -    19406 TO ITERATE

 10.3% PROCESSED     2000 ITERATIONS                                 44 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:       379780 TO   396460
PROJECTED ANSWERS:            7299 TO     9777

L2           44 SEA SSS SAM L1

=> d 1

L2   ANSWER 1 OF 44  REGISTRY  COPYRIGHT 2007 ACS on STN
RN   918809-75-3  REGISTRY
ED   Entered STN:  30 Jan 2007
CN   INDEX NAME NOT YET ASSIGNED
MF   C33 H38 F N5 O6 S
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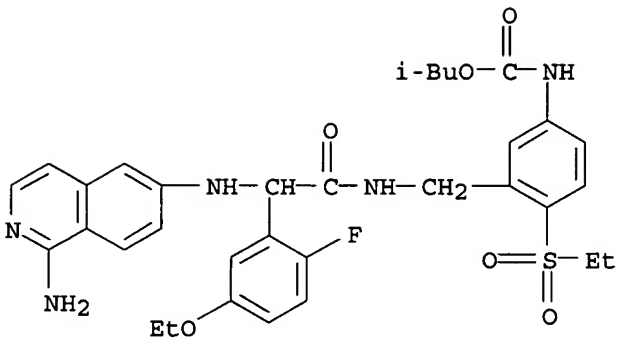
CI COM
SR CA



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

=>
Uploading C:\Program Files\Stnexp\Queries\10614363b.str

L3 STRUCTURE UPLOADED

=> s l3 sam
SAMPLE SEARCH INITIATED 17:24:16 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 16317 TO ITERATE

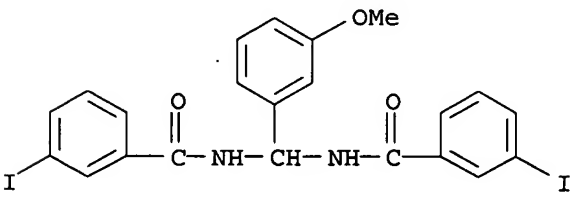
12.3% PROCESSED 2000 ITERATIONS 4 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 318690 TO 333990
PROJECTED ANSWERS: 310 TO 994

L4 4 SEA SSS SAM L3

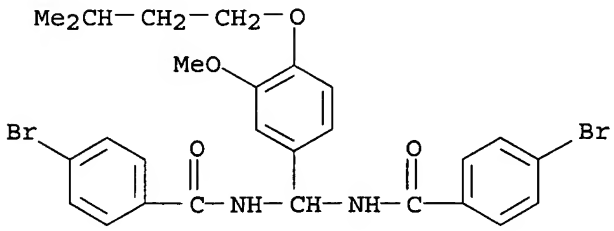
=> d 1-2

L4 ANSWER 1 OF 4 REGISTRY COPYRIGHT 2007 ACS on STN
RN 620569-89-3 REGISTRY
ED Entered STN: 25 Nov 2003
CN Benzamide, N,N'-[(3-methoxyphenyl)methylene]bis[3-iodo- (9CI) (CA INDEX NAME)
MF C22 H18 I2 N2 O3
SR Chemical Library
Supplier: AKos Consulting and Solutions GmbH
LC STN Files: CHEMCATS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 ANSWER 2 OF 4 REGISTRY COPYRIGHT 2007 ACS on STN
RN 618861-99-7 REGISTRY
ED Entered STN: 20 Nov 2003
CN Benzamide, N,N'-[[3-methoxy-4-(3-methylbutoxy)phenyl]methylene]bis[4-bromo-
(9CI) (CA INDEX NAME)
MF C27 H28 Br2 N2 O4
SR Chemical Library
Supplier: AKos Consulting and Solutions GmbH
LC STN Files: CHEMCATS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

=>
Uploading C:\Program Files\Stnexp\Queries\10614363c.str

L5 STRUCTURE UPLOADED

=> s l5 sam
SAMPLE SEARCH INITIATED 17:27:14 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 16317 TO ITERATE

12.3% PROCESSED 2000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 318690 TO 333990
PROJECTED ANSWERS: 0 TO 0

L6 0 SEA SSS SAM L5

=> s l5 full
FULL SEARCH INITIATED 17:28:40 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 326744 TO ITERATE

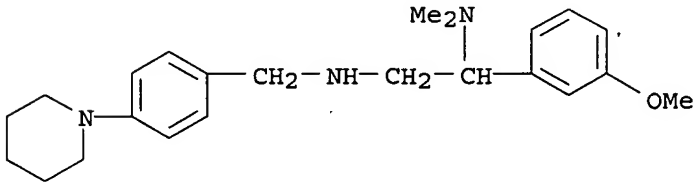
100.0% PROCESSED 326744 ITERATIONS 128 ANSWERS
SEARCH TIME: 00.00.02

L7 128 SEA SSS FUL L5

=> d 1-5

L7 ANSWER 1 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 878621-25-1 REGISTRY
ED Entered STN: 30 Mar 2006

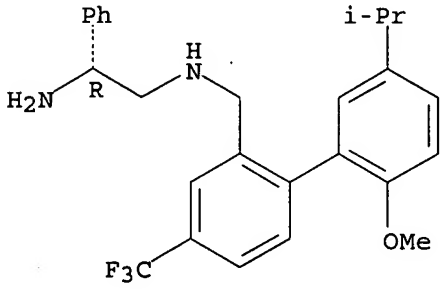
CN 1,2-Ethanediamine, 1-(3-methoxyphenyl)-N,N-dimethyl-N'-[[4-(1-piperidinyl)phenyl]methyl]- (9CI) (CA INDEX NAME)
MF C23 H33 N3 O
SR Chemical Library
Supplier: Enamine
LC STN Files: CHEMCATS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 ANSWER 2 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 875444-39-6 REGISTRY
ED Entered STN: 28 Feb 2006
CN 1,2-Ethanediamine, N2-[[2'-methoxy-5'-(1-methylethyl)-4-(trifluoromethyl)[1,1'-biphenyl]-2-yl]methyl]-1-phenyl-, (1R)- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN (1R)-N'-[[5'-Isopropyl-2'-methoxy-4-(trifluoromethyl)biphenyl-2-yl]methyl]-1-phenylethane-1,2-diamine
FS STEREOSEARCH
MF C26 H29 F3 N2 O
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.



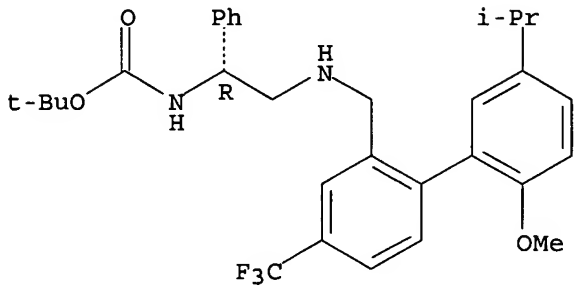
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 3 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 875444-36-3 REGISTRY
ED Entered STN: 28 Feb 2006
CN Carbamic acid, [(1R)-2-[[[2'-methoxy-5'-(1-methylethyl)-4-(trifluoromethyl)[1,1'-biphenyl]-2-yl]methyl]amino]-1-phenylethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)
OTHER NAMES:
CN tert-Butyl [(1R)-2-[[[5'-isopropyl-2'-methoxy-4-(trifluoromethyl)biphenyl-2-yl]methyl]amino]-1-phenylethyl]carbamate

FS STEREOSEARCH
MF C31 H37 F3 N2 O3
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

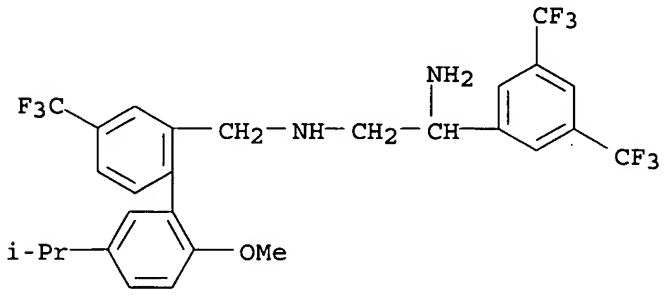
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 4 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 875444-28-3 REGISTRY
ED Entered STN: 28 Feb 2006
CN 1,2-Ethanediamine, 1-[3,5-bis(trifluoromethyl)phenyl]-N2-[[2'-methoxy-5'-(1-methylethyl)-4-(trifluoromethyl)[1,1'-biphenyl]-2-yl]methyl]- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 1-[3,5-Bis(trifluoromethyl)phenyl]-N'-[[5'-isopropyl-2'-methoxy-4-(trifluoromethyl)biphenyl-2-yl]methyl]ethane-1,2-diamine
MF C28 H27 F9 N2 O
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

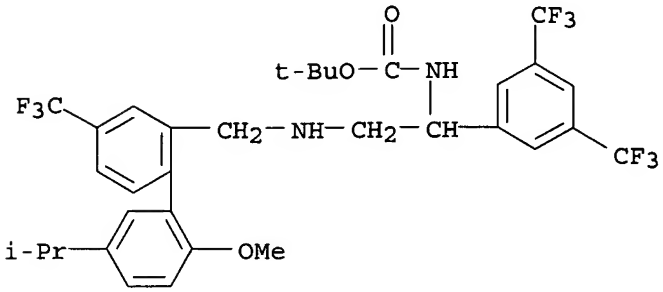


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 5 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 875444-26-1 REGISTRY
ED Entered STN: 28 Feb 2006
CN Carbamic acid, [1-[3,5-bis(trifluoromethyl)phenyl]-2-[[[2'-methoxy-5'-(1-methylethyl)-4-(trifluoromethyl)[1,1'-biphenyl]-2-yl]methyl]amino]ethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)
OTHER NAMES:

CN tert-Butyl [1-[3,5-bis(trifluoromethyl)phenyl]-2-[[[5'-isopropyl-2'-methoxy-4-(trifluoromethyl)biphenyl-2-yl]methyl]amino]ethyl]carbamate
MF C33 H35 F9 N2 O3
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus medline biosis embase

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	194.45	194.87

FILE 'CAPLUS' ENTERED AT 17:30:01 ON 01 FEB 2007
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FILE 'MEDLINE' ENTERED AT 17:30:01 ON 01 FEB 2007

FILE 'BIOSIS' ENTERED AT 17:30:01 ON 01 FEB 2007
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FILE 'EMBASE' ENTERED AT 17:30:01 ON 01 FEB 2007
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=> d hist

(FILE 'HOME' ENTERED AT 17:18:56 ON 01 FEB 2007)

FILE 'REGISTRY' ENTERED AT 17:20:12 ON 01 FEB 2007
L1 STRUCTURE UPLOADED
L2 44 S L1 SAM
L3 STRUCTURE UPLOADED
L4 4 S L3 SAM
L5 STRUCTURE UPLOADED
L6 0 S L5 SAM
L7 128 S L5 FULL

FILE 'CAPLUS, MEDLINE, BIOSIS, EMBASE' ENTERED AT 17:30:01 ON 01 FEB 2007

=> s l7
L8 56 L7

=> duplicate remove l8
PROCESSING COMPLETED FOR L8

```
L9            56 DUPLICATE REMOVE L8 (0 DUPLICATES REMOVED)

=> s l9 and CCR3
L10            0 L9 AND CCR3

=> file reg
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                   ENTRY    SESSION
FULL ESTIMATED COST                                13.42     208.29

FILE 'REGISTRY' ENTERED AT 17:33:03 ON 01 FEB 2007
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STRUCTURE FILE UPDATES:   31 JAN 2007  HIGHEST RN 918932-71-5
DICTIONARY FILE UPDATES:  31 JAN 2007  HIGHEST RN 918932-71-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=> d hist

     (FILE 'HOME' ENTERED AT 17:18:56 ON 01 FEB 2007)

     FILE 'REGISTRY' ENTERED AT 17:20:12 ON 01 FEB 2007
L1              STRUCTURE UPLOADED
L2           44 S L1 SAM
L3              STRUCTURE UPLOADED
L4            4 S L3 SAM
L5              STRUCTURE UPLOADED
L6            0 S L5 SAM
L7          128 S L5 FULL

     FILE 'CAPLUS, MEDLINE, BIOSIS, EMBASE' ENTERED AT 17:30:01 ON 01 FEB 2007
L8            56 S L7
L9            56 DUPLICATE REMOVE L8 (0 DUPLICATES REMOVED)
L10            0 S L9 AND CCR3

     FILE 'REGISTRY' ENTERED AT 17:33:03 ON 01 FEB 2007

=> d l7 6-10

L7   ANSWER 6 OF 128  REGISTRY  COPYRIGHT 2007 ACS on STN
RN   863490-91-9  REGISTRY
ED   Entered STN:  20 Sep 2005
CN   6-Quinolinecarboxamide, N-[(1S)-1-phenyl-2-[(phenylmethyl)amino]ethyl]-2-
     [[[4'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]carbonyl]amino]- (9CI)  (CA
     INDEX NAME)
OTHER NAMES:
```
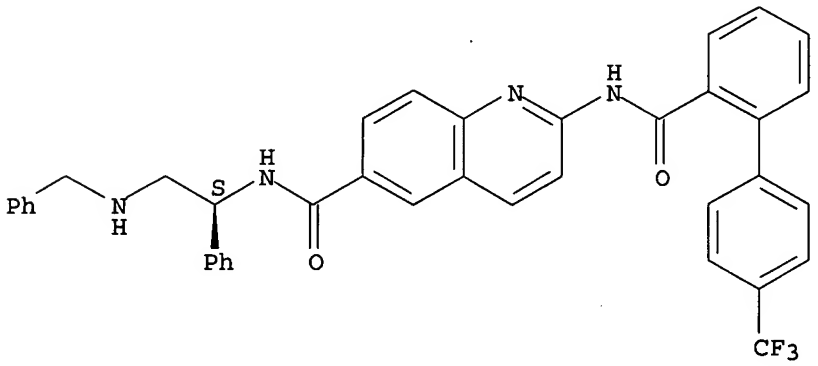

CN (S)-2-[[(4'-Trifluoromethylbiphenyl-2-yl)carbonyl]amino]quinoline-6-carboxylic acid (2-benzylamino-1-phenylethyl)amide
FS STEREOSEARCH
MF C39 H31 F3 N4 O2
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

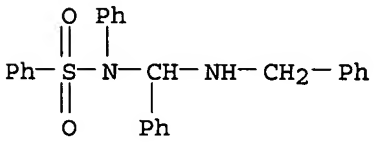
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

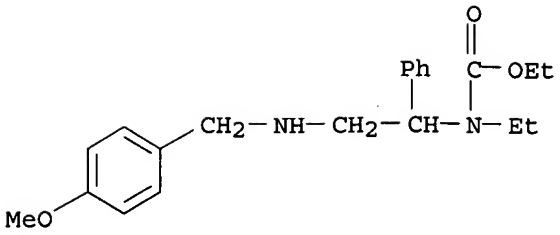
L7 ANSWER 7 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 860601-11-2 REGISTRY
ED Entered STN: 17 Aug 2005
CN Benzenesulfonanilide, N-α-[(benzylimino)benzyl]- (3CI) (CA INDEX NAME)
MF C26 H24 N2 O2 S
SR CAS EARLY REGISTRATIONS
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

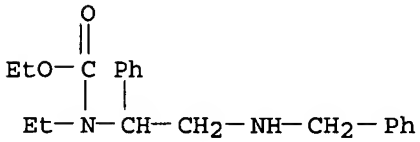
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 8 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 855122-52-0 REGISTRY
ED Entered STN: 14 Jul 2005
CN Carbamic acid, ethyl[2-[[(4-methoxyphenyl)methyl]amino]-1-phenylethyl]-, ethyl ester (9CI) (CA INDEX NAME)
MF C21 H28 N2 O3
CI COM
SR CA



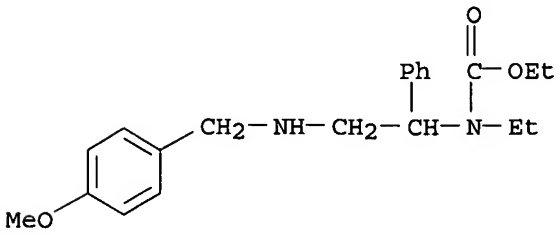
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 ANSWER 9 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 855122-33-7 REGISTRY
ED Entered STN: 14 Jul 2005
CN Carbamic acid, ethyl[1-phenyl-2-[(phenylmethyl)amino]ethyl]-, ethyl ester (9CI) (CA INDEX NAME)
MF C20 H26 N2 O2
CI COM
SR CA



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

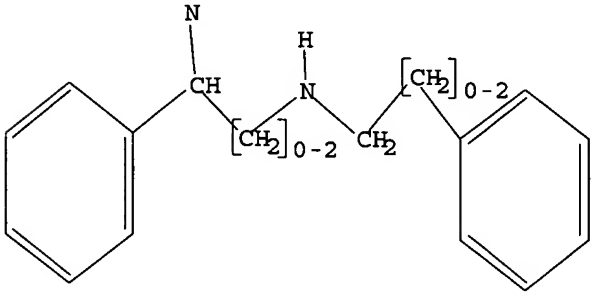
L7 ANSWER 10 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 854889-34-2 REGISTRY
ED Entered STN: 13 Jul 2005
CN Carbamic acid, ethyl[α-[(p-methoxybenzylamino)methyl]benzyl]-, ethyl ester-HCl (5CI) (CA INDEX NAME)
MF C21 H28 N2 O3 . Cl H
SR CAS EARLY REGISTRATIONS
LC STN Files: CA, CAPLUS
CRN (855122-52-0)



● HCl

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

```
=> d 11-20
L10 HAS NO ANSWERS
'11-20 ' IS NOT A VALID SEARCH STATUS KEYWORD
Search status keywords:
NONE ---- Display only the number of postings.
STATUS -- Display statistics of the search.
ENTER SEARCH STATUS OPTION (NONE), STATUS, OR ?:l7
'L7' IS NOT A VALID SEARCH STATUS KEYWORD
Search status keywords:
NONE ---- Display only the number of postings.
STATUS -- Display statistics of the search.
ENTER SEARCH STATUS OPTION (NONE), STATUS, OR ?:none
L5              STR
```




```
Structure attributes must be viewed using STN Express query preparation.
L7          128 SEA FILE=REGISTRY SSS FUL L5
L8           56 SEA L7
L9           56 DUP REMOVE L8 (0 DUPLICATES REMOVED)
L10           0 SEA L9 AND CCR3


=> d l7 11-20

L7   ANSWER 11 OF 128  REGISTRY  COPYRIGHT 2007 ACS on STN
RN   854881-83-7  REGISTRY
ED   Entered STN:  13 Jul 2005
CN   Carbamic acid, [α-(benzylaminomethyl)benzyl]ethyl-, ethyl ester,
     hydrochloride (5CI)  (CA INDEX NAME)
MF   C20 H26 N2 O2 . Cl H
SR   CAS EARLY REGISTRATIONS
LC   STN Files:   CA, CAPLUS
CRN  (855122-33-7)
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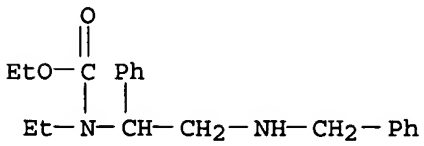
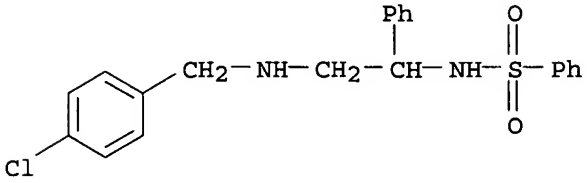


● HCl

```
          1 REFERENCES IN FILE CA (1907 TO DATE)
          1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

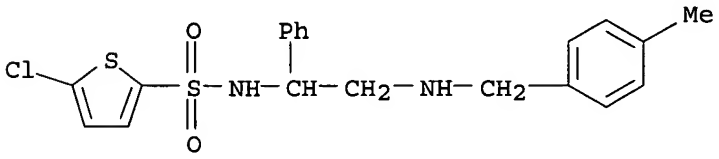
L7   ANSWER 12 OF 128  REGISTRY  COPYRIGHT 2007 ACS on STN
```

RN 852388-50-2 REGISTRY
ED Entered STN: 16 Jun 2005
CN Benzenesulfonamide, N-[2-[[(4-chlorophenyl)methyl]amino]-1-phenylethyl]-
(9CI) (CA INDEX NAME)
MF C21 H21 Cl N2 O2 S
SR Chemical Library
Supplier: Enamine
LC STN Files: CHEMCATS



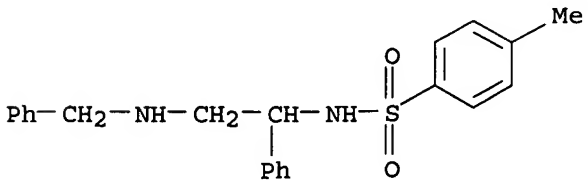
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 ANSWER 13 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 851903-15-6 REGISTRY
ED Entered STN: 08 Jun 2005
CN 2-Thiophenesulfonamide, 5-chloro-N-[2-[[(4-methylphenyl)methyl]amino]-1-
phenylethyl]- (9CI) (CA INDEX NAME)
MF C20 H21 Cl N2 O2 S2
SR Chemical Library
Supplier: Enamine
LC STN Files: CHEMCATS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

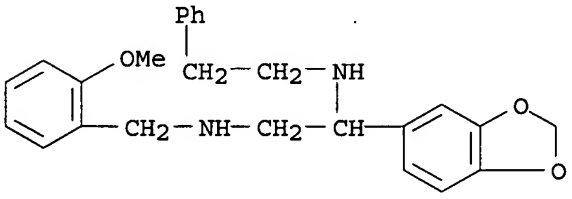
L7 ANSWER 14 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 850482-53-0 REGISTRY
ED Entered STN: 16 May 2005
CN Benzenesulfonamide, 4-methyl-N-[1-phenyl-2-[(phenylmethyl)amino]ethyl]-
(9CI) (CA INDEX NAME)
MF C22 H24 N2 O2 S
SR CA
LC STN Files: CA, CAPLUS, CASREACT



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

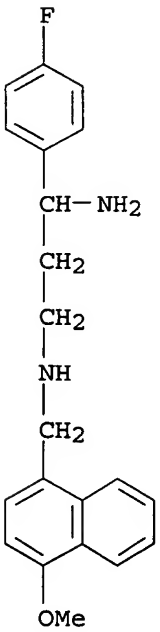
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 15 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 790180-41-5 REGISTRY
ED Entered STN: 28 Nov 2004
CN 1,2-Ethanediamine, 1-(1,3-benzodioxol-5-yl)-N2-[(2-methoxyphenyl)methyl]-N1-(2-phenylethyl)- (9CI) (CA INDEX NAME)
MF C25 H28 N2 O3
CI COM
SR CA



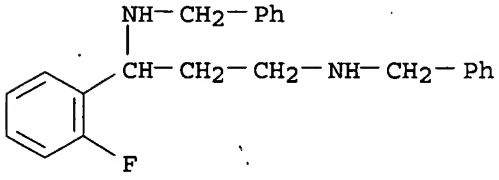
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 ANSWER 16 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 790176-83-9 REGISTRY
ED Entered STN: 28 Nov 2004
CN 1,3-Propanediamine, 1-(4-fluorophenyl)-N3-[(4-methoxy-1-naphthalenyl)methyl]- (9CI) (CA INDEX NAME)
MF C21 H23 F N2 O
CI COM
SR CA



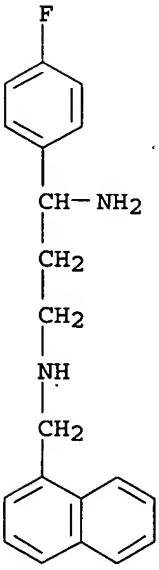
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 ANSWER 17 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 777042-59-8 REGISTRY
ED Entered STN: 09 Nov 2004
CN 1,3-Propanediamine, 1-(2-fluorophenyl)-N,N'-bis(phenylmethyl)- (9CI) (CA INDEX NAME)
MF C23 H25 F N2
CI COM
SR CA



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

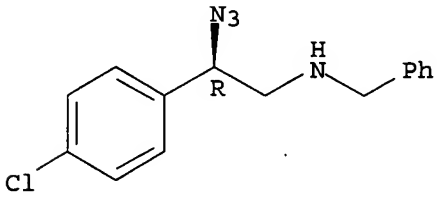
L7 ANSWER 18 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 774507-09-4 REGISTRY
ED Entered STN: 04 Nov 2004
CN 1,3-Propanediamine, 1-(4-fluorophenyl)-N3-(1-naphthalenylmethyl)- (9CI) (CA INDEX NAME)
MF C20 H21 F N2
CI COM
SR CA



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

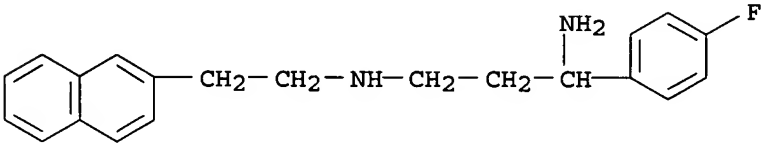
L7 ANSWER 19 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 769944-48-1 REGISTRY
ED Entered STN: 27 Oct 2004
CN Benzeneethanamine, β-azido-4-chloro-N-(phenylmethyl)-, (βR)-
(9CI) (CA INDEX NAME)
OTHER NAMES:
CN (R)-N-Benzyl-2-azido-2-(4-chlorophenyl)ethylamine
FS STEREOSEARCH
MF C15 H15 Cl N4
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

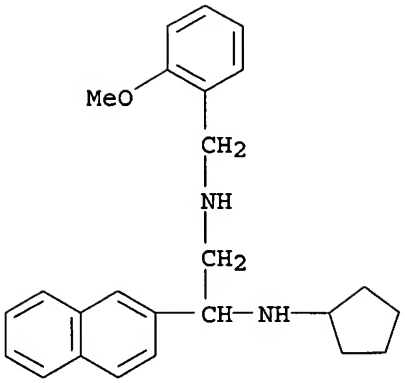
L7 ANSWER 20 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 756787-10-7 REGISTRY
ED Entered STN: 04 Oct 2004
CN 1,3-Propanediamine, 1-(4-fluorophenyl)-N3-[2-(2-naphthalenyl)ethyl]- (9CI)
(CA INDEX NAME)
MF C21 H23 F N2
CI COM
SR CA



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

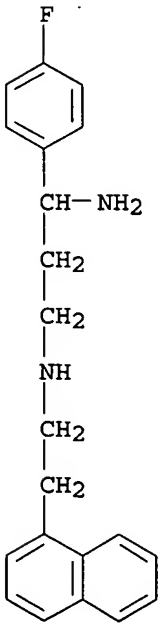
=> d l7 21-30

L7 ANSWER 21 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 755725-84-9 REGISTRY
ED Entered STN: 01 Oct 2004
CN 1,2-Ethanediamine, N1-cyclopentyl-N2-[(2-methoxyphenyl)methyl]-1-(2-
naphthalenyl)- (9CI) (CA INDEX NAME)
MF C25 H30 N2 O
CI COM
SR CA



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

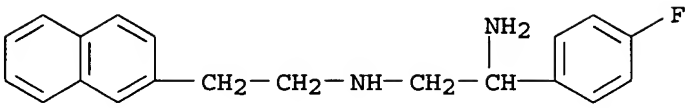
L7 ANSWER 22 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 749817-83-2 REGISTRY
ED Entered STN: 22 Sep 2004
CN 1,3-Propanediamine, 1-(4-fluorophenyl)-N3-[2-(1-naphthalenyl)ethyl]- (9CI) (CA INDEX NAME)
MF C21 H23 F N2
CI COM
SR CA



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

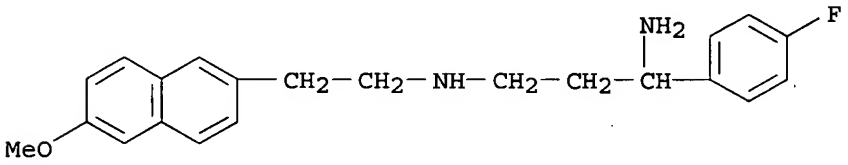
L7 ANSWER 23 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 746573-99-9 REGISTRY
ED Entered STN: 17 Sep 2004
CN 1,2-Ethanediamine, 1-(4-fluorophenyl)-N2-[2-(2-naphthalenyl)ethyl]- (9CI)

(CA INDEX NAME)
MF C20 H21 F N2
CI COM
SR CA



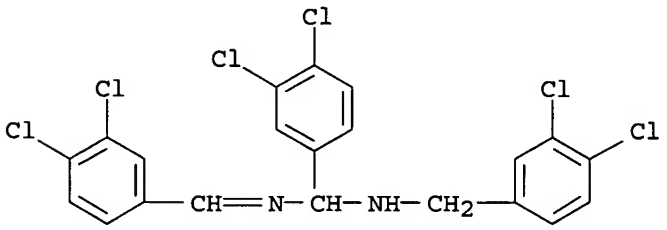
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 ANSWER 24 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 742669-26-7 REGISTRY
ED Entered STN: 12 Sep 2004
CN 1,3-Propanediamine, 1-(4-fluorophenyl)-N3-[2-(6-methoxy-2-naphthalenyl)ethyl]- (9CI) (CA INDEX NAME)
MF C22 H25 F N2 O
CI COM
SR CA



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

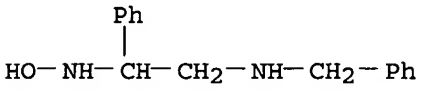
L7 ANSWER 25 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 741633-96-5 REGISTRY
ED Entered STN: 08 Sep 2004
CN Methanediamine, 1-(3,4-dichlorophenyl)-N-[(3,4-dichlorophenyl)methyl]-N'-[(3,4-dichlorophenyl)methylene]- (9CI) (CA INDEX NAME)
MF C21 H14 Cl6 N2
CI COM
SR CA



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 ANSWER 26 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 739355-21-6 REGISTRY

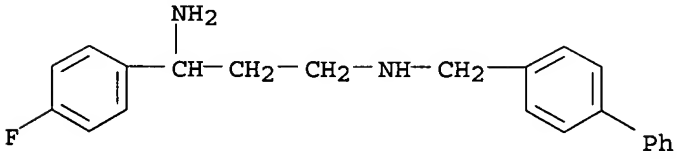
ED Entered STN: 05 Sep 2004
CN 1,2-Ethanediamine, N1-hydroxy-1-phenyl-N2-(phenylmethyl)- (9CI) (CA INDEX NAME)
MF C15 H18 N2 O
CI COM
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

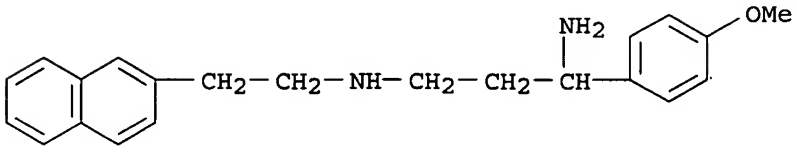
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 27 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 738553-79-2 REGISTRY
ED Entered STN: 03 Sep 2004
CN 1,3-Propanediamine, N3-([1,1'-biphenyl]-4-ylmethyl)-1-(4-fluorophenyl)-(9CI) (CA INDEX NAME)
MF C22 H23 F N2
CI COM
SR CA



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

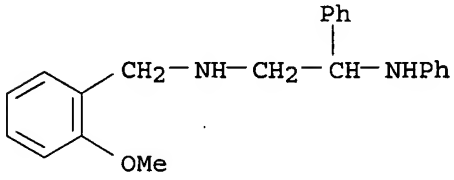
L7 ANSWER 28 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 735238-32-1 REGISTRY
ED Entered STN: 29 Aug 2004
CN 1,3-Propanediamine, 1-(4-methoxyphenyl)-N3-[2-(2-naphthalenyl)ethyl]-(9CI) (CA INDEX NAME)
MF C22 H26 N2 O
CI COM
SR CA



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

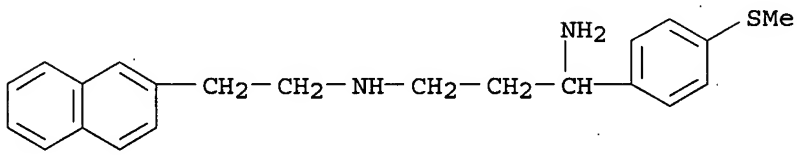
L7 ANSWER 29 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN

RN 693214-00-5 REGISTRY
ED Entered STN: 14 Jun 2004
CN 1,2-Ethanediamine, N2-[(2-methoxyphenyl)methyl]-N1,1-diphenyl- (9CI) (CA INDEX NAME)
MF C22 H24 N2 O
CI COM
SR CA



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

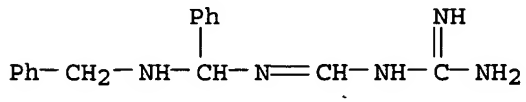
L7 ANSWER 30 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 692253-82-0 REGISTRY
ED Entered STN: 11 Jun 2004
CN 1,3-Propanediamine, 1-[4-(methylthio)phenyl]-N3-[2-(2-naphthalenyl)ethyl]- (9CI) (CA INDEX NAME)
MF C22 H26 N2 S
CI COM
SR CA



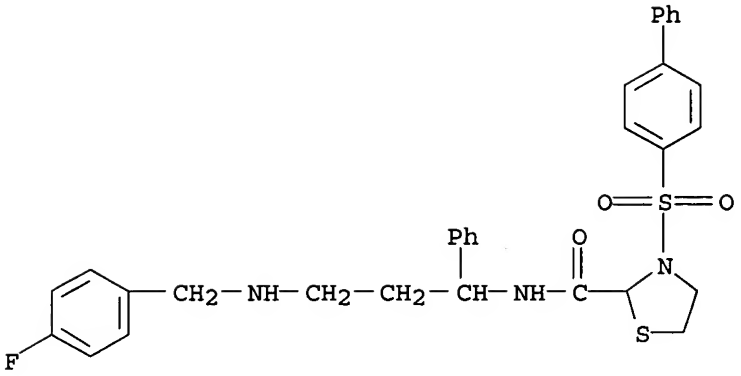
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

=> d l7 31-50

L7 ANSWER 31 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 633299-36-2 REGISTRY
ED Entered STN: 02 Jan 2004
CN Guanidine, [[[phenyl[(phenylmethyl)amino]methyl]imino]methyl]- (9CI) (CA INDEX NAME)
MF C16 H19 N5
SR Chemical Library
Supplier: Ambinter



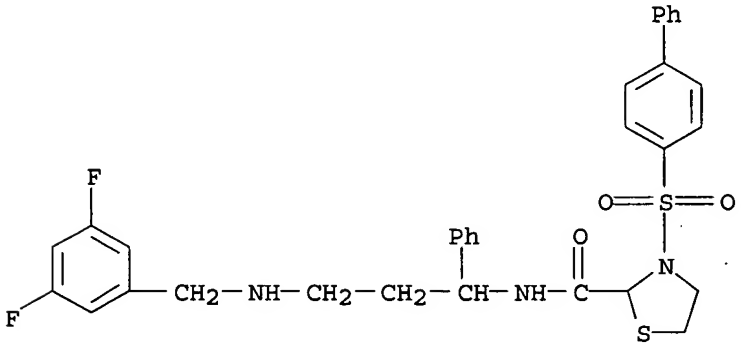
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 35 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 612534-14-2 REGISTRY
ED Entered STN: 04 Nov 2003
CN 2-Thiazolidinecarboxamide, 3-([1,1'-biphenyl]-4-ylsulfonyl)-N-[3-[[(3,5-difluorophenyl)methyl]amino]-1-phenylpropyl]- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 3-[([1,1'-Biphenyl]-4-yl)sulfonyl]-N-[3-[(3,5-difluorobenzyl)amino]-1-phenylpropyl]thiazolidine-2-carboxamide
MF C32 H31 F2 N3 O3 S2
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

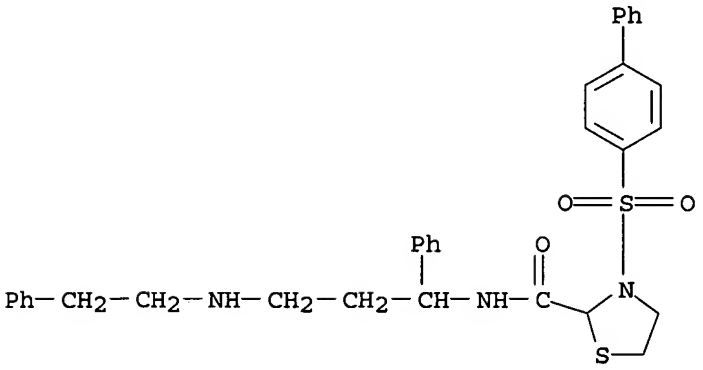


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 36 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 612533-99-0 REGISTRY
ED Entered STN: 04 Nov 2003
CN 2-Thiazolidinecarboxamide, 3-([1,1'-biphenyl]-4-ylsulfonyl)-N-[1-phenyl-3-[(2-phenylethyl)amino]propyl]- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 3-[([1,1'-Biphenyl]-4-yl)sulfonyl]-N-[1-phenyl-3-[(2-phenylethyl)amino]propyl]thiazolidine-2-carboxamide
MF C33 H35 N3 O3 S2
SR CA

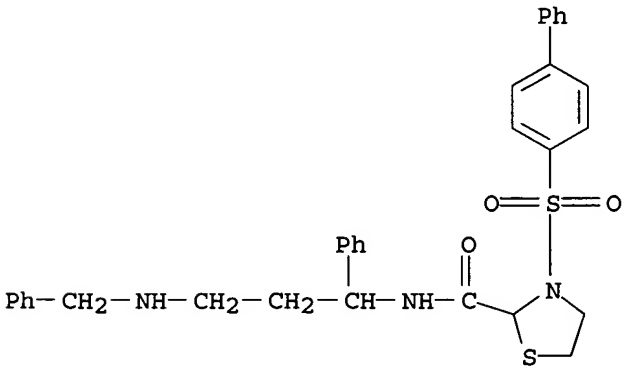
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 37 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 612532-81-7 REGISTRY
ED Entered STN: 04 Nov 2003
CN 2-Thiazolidinecarboxamide, 3-([1,1'-biphenyl]-4-ylsulfonyl)-N-[1-phenyl-3-[(phenylmethyl)amino]propyl]- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN N-[3-(Benzylamino)-1-phenylpropyl]-3-[([1,1'-biphenyl]-4-yl)sulfonyl]thiazolidine-2-carboxamide
MF C32 H33 N3 O3 S2
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

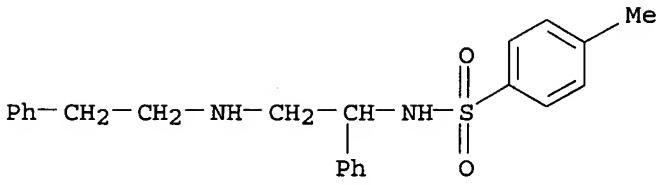


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 38 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 496968-12-8 REGISTRY
ED Entered STN: 05 Mar 2003
CN Benzenesulfonamide, 4-methyl-N-[1-phenyl-2-[(2-phenylethyl)amino]ethyl]- (9CI) (CA INDEX NAME)
MF C23 H26 N2 O2 S

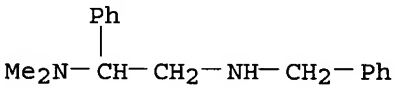
SR CA
LC STN Files: CA, CAPLUS, CASREACT



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

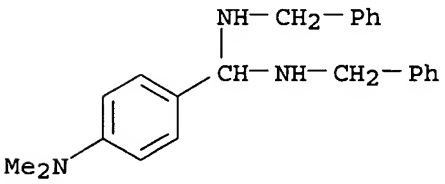
L7 ANSWER 39 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 479420-45-6 REGISTRY
ED Entered STN: 17 Jan 2003
CN 1,2-Ethanediamine, N1,N1-dimethyl-1-phenyl-N2-(phenylmethyl)- (9CI) (CA INDEX NAME)
MF C17 H22 N2
SR CA
LC STN Files: CA, CAPLUS, CASREACT



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

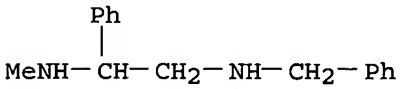
3 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 40 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 384814-58-8 REGISTRY
ED Entered STN: 20 Jan 2002
CN Methanediamine, 1-[4-(dimethylamino)phenyl]-N,N'-bis(phenylmethyl)- (9CI) (CA INDEX NAME)
MF C23 H27 N3
SR Chemical Library
Supplier: Ambinter
LC STN Files: CHEMCATS



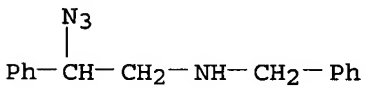
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 ANSWER 41 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 344348-69-2 REGISTRY
ED Entered STN: 02 Jul 2001
CN 1,2-Ethanediamine, N1-methyl-1-phenyl-N2-(phenylmethyl)- (9CI) (CA INDEX NAME)
MF C16 H20 N2
CI COM
SR Reaction Database
LC STN Files: CASREACT



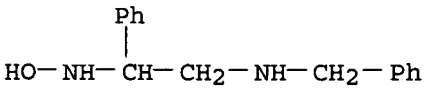
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

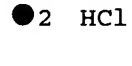
L7 ANSWER 42 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 329321-17-7 REGISTRY
ED Entered STN: 29 Mar 2001
CN Benzeneethanamine, β-azido-N-(phenylmethyl)- (9CI) (CA INDEX NAME)
MF C15 H16 N4
SR CA
LC STN Files: CA, CAPLUS, CASREACT



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 43 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 297758-36-2 REGISTRY
ED Entered STN: 20 Oct 2000
CN 1,2-Ethanediamine, N1-hydroxy-1-phenyl-N2-(phenylmethyl)-, dihydrochloride (9CI) (CA INDEX NAME)
MF C15 H18 N2 O . 2 Cl H
SR CA
LC STN Files: CA, CAPLUS, CASREACT
CRN (739355-21-6)

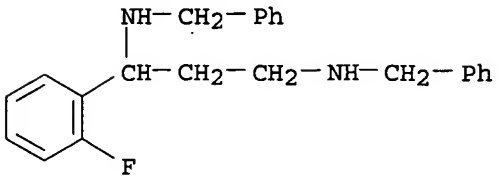




1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 44 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 297758-33-9 REGISTRY
ED Entered STN: 20 Oct 2000
CN 1,2-Ethanediamine, 1-phenyl-N1-(phenylmethoxy)-N2-(phenylmethyl)- (9CI)

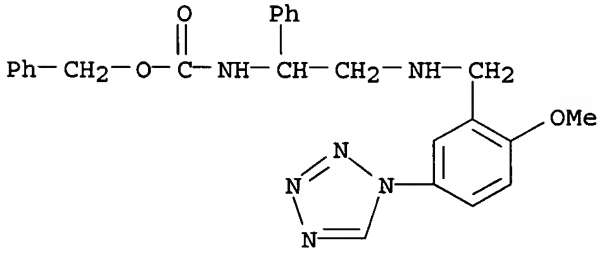
CN 1,3-Propanediamine, 1-(2-fluorophenyl)-N,N'-bis(phenylmethyl)-, dihydrochloride (9CI) (CA INDEX NAME)
MF C23 H25 F N2 . 2 Cl H
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (777042-59-8)



● 2 HCl

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

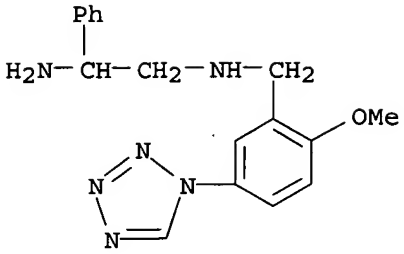
L7 ANSWER 48 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 217310-35-5 REGISTRY
ED Entered STN: 17 Jan 1999
CN Carbamic acid, [2-[[[2-methoxy-5-(1H-tetrazol-1-yl)phenyl]methyl]amino]-1-phenylethyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)
MF C25 H26 N6 O3
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

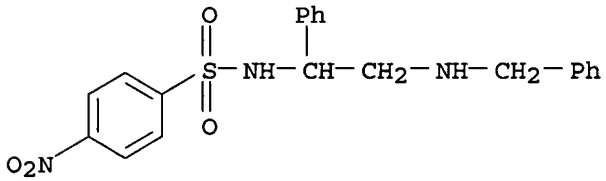
L7 ANSWER 49 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 217310-33-3 REGISTRY
ED Entered STN: 17 Jan 1999
CN 1,2-Ethanediamine, N2-[[2-methoxy-5-(1H-tetrazol-1-yl)phenyl]methyl]-1-phenyl- (9CI) (CA INDEX NAME)
MF C17 H20 N6 O
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 50 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 194156-44-0 REGISTRY
ED Entered STN: 18 Sep 1997
CN Benzenesulfonamide, 4-nitro-N-[1-phenyl-2-[(phenylmethyl)amino]ethyl]- (9CI) (CA INDEX NAME)
MF C21 H21 N3 O4 S
SR CA
LC STN Files: CA, CAPLUS, CASREACT

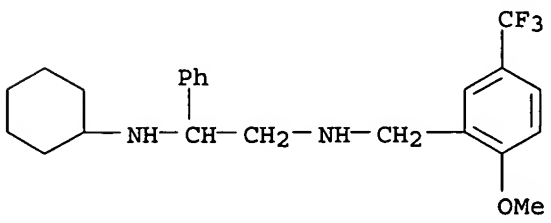


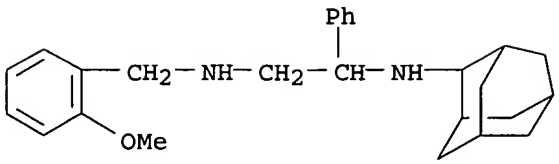
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d l7 51-70

L7 ANSWER 51 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 179045-80-8 REGISTRY
ED Entered STN: 01 Aug 1996
CN 1,2-Ethanediamine, N1-cyclohexyl-N2-[[2-methoxy-5-(trifluoromethyl)phenyl]methyl]-1-phenyl- (9CI) (CA INDEX NAME)
MF C23 H29 F3 N2 O
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

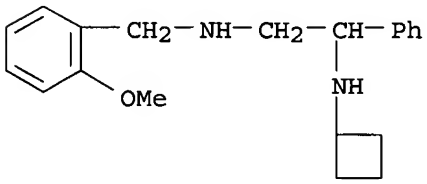




PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

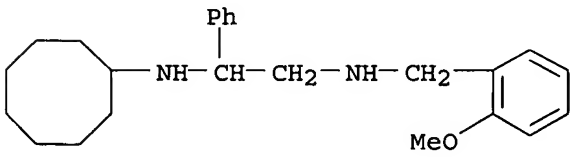
L7 ANSWER 65 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 150917-70-7 REGISTRY
ED Entered STN: 28 Oct 1993
CN 1,2-Ethanediamine, N1-cyclobutyl-N2-[(2-methoxyphenyl)methyl]-1-phenyl-
(9CI) (CA INDEX NAME)
MF C20 H26 N2 O
CI COM
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

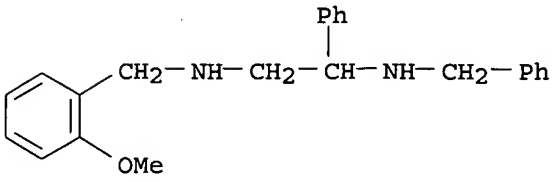
L7 ANSWER 66 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 150917-69-4 REGISTRY
ED Entered STN: 28 Oct 1993
CN 1,2-Ethanediamine, N1-cyclooctyl-N2-[(2-methoxyphenyl)methyl]-1-phenyl-
(9CI) (CA INDEX NAME)
MF C24 H34 N2 O
CI COM
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

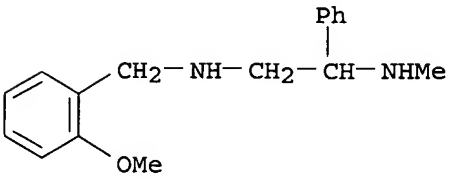
L7 ANSWER 67 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 150917-68-3 REGISTRY
ED Entered STN: 28 Oct 1993
CN 1,2-Ethanediamine, N2-[(2-methoxyphenyl)methyl]-1-phenyl-N1-(phenylmethyl)-
(9CI) (CA INDEX NAME)
MF C23 H26 N2 O
CI COM
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

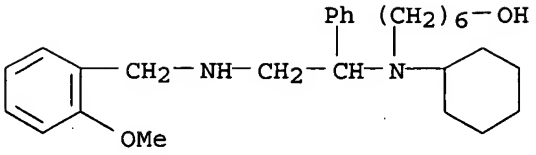
L7 ANSWER 68 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 150917-67-2 REGISTRY
ED Entered STN: 28 Oct 1993
CN 1,2-Ethanediamine, N2-[(2-methoxyphenyl)methyl]-N1-methyl-1-phenyl- (9CI)
(CA INDEX NAME)
MF C17 H22 N2 O
CI COM
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

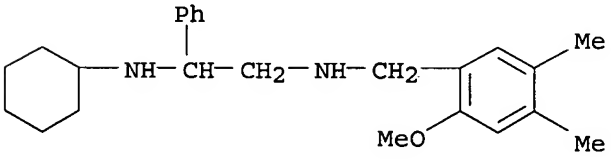
L7 ANSWER 69 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 150917-65-0 REGISTRY
ED Entered STN: 28 Oct 1993
CN 1-Hexanol, 6-[cyclohexyl[2-[[(2-methoxyphenyl)methyl]amino]-1-
phenylethyl]amino]-, dihydrochloride (9CI) (CA INDEX NAME)
MF C28 H42 N2 O2 . 2 Cl H
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (150917-45-6)



● 2 HCl

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 70 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 150917-64-9 REGISTRY
ED Entered STN: 28 Oct 1993
CN 1,2-Ethanediamine, N1-cyclohexyl-N2-[(2-methoxy-4,5-dimethylphenyl)methyl]-1-phenyl- (9CI) (CA INDEX NAME)
MF C24 H34 N2 O
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

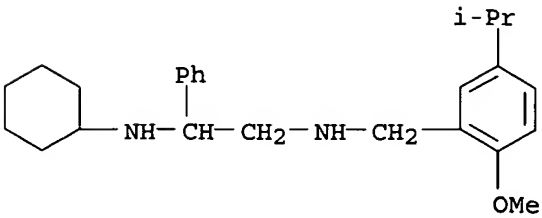


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d l7 71-100

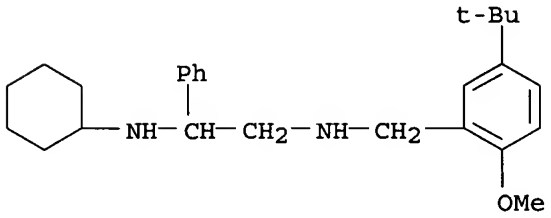
L7 ANSWER 71 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 150917-63-8 REGISTRY
ED Entered STN: 28 Oct 1993
CN 1,2-Ethanediamine, N1-cyclohexyl-N2-[[2-methoxy-5-(1-methylethyl)phenyl]methyl]-1-phenyl- (9CI) (CA INDEX NAME)
MF C25 H36 N2 O
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

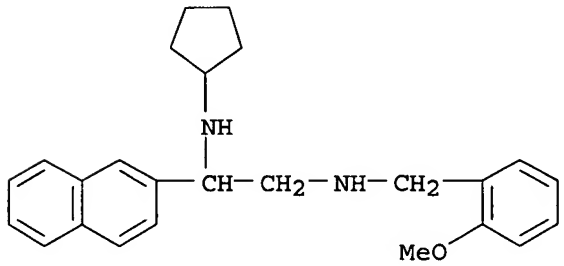
L7 ANSWER 72 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 150917-62-7 REGISTRY
ED Entered STN: 28 Oct 1993
CN 1,2-Ethanediamine, N1-cyclohexyl-N2-[[5-(1,1-dimethylethyl)-2-methoxyphenyl]methyl]-1-phenyl- (9CI) (CA INDEX NAME)
MF C26 H38 N2 O
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 73 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 150917-49-0 REGISTRY
ED Entered STN: 28 Oct 1993
CN 1,2-Ethanediamine, N1-cyclopentyl-N2-[(2-methoxyphenyl)methyl]-1-(2-naphthalenyl)-, dihydrochloride (9CI) (CA INDEX NAME)
MF C25 H30 N2 O . 2 Cl H
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (755725-84-9)

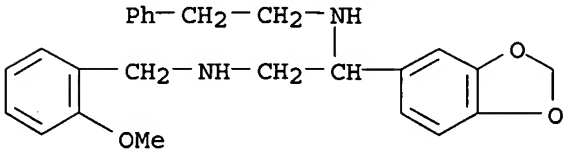


●2 HCl

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 74 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 150917-48-9 REGISTRY
ED Entered STN: 28 Oct 1993
CN 1,2-Ethanediamine, 1-(1,3-benzodioxol-5-yl)-N2-[(2-methoxyphenyl)methyl]-

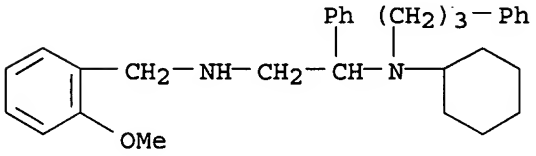
N1-(2-phenylethyl)-, dihydrochloride (9CI) (CA INDEX NAME)
MF C25 H28 N2 O3 . 2 Cl H
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (790180-41-5)



●2 HCl

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

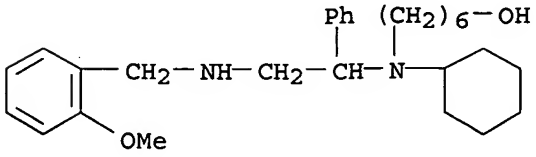
L7 ANSWER 75 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 150917-46-7 REGISTRY
ED Entered STN: 28 Oct 1993
CN 1,2-Ethanediamine, N1-cyclohexyl-N2-[(2-methoxyphenyl)methyl]-1-phenyl-N1-(3-phenylpropyl)- (9CI) (CA INDEX NAME)
MF C31 H40 N2 O
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

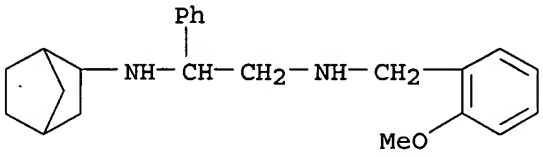
L7 ANSWER 76 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 150917-45-6 REGISTRY
ED Entered STN: 28 Oct 1993
CN 1-Hexanol, 6-[cyclohexyl[2-[[(2-methoxyphenyl)methyl]amino]-1-phenylethyl]amino]- (9CI) (CA INDEX NAME)
MF C28 H42 N2 O2
CI COM
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

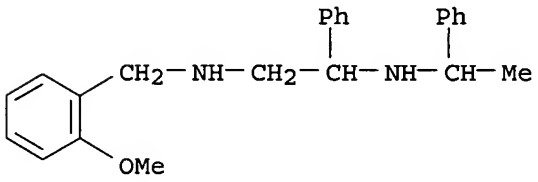
L7 ANSWER 77 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 150917-39-8 REGISTRY
ED Entered STN: 28 Oct 1993
CN 1,2-Ethanediamine, N1-bicyclo[2.2.1]hept-2-yl-N2-[(2-methoxyphenyl)methyl]-1-phenyl-, dihydrochloride (9CI) (CA INDEX NAME)
MF C23 H30 N2 O . 2 Cl H
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (150917-76-3)



●2 HCl

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 78 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 150917-38-7 REGISTRY
ED Entered STN: 28 Oct 1993
CN 1,2-Ethanediamine, N2-[(2-methoxyphenyl)methyl]-1-phenyl-N1-(1-phenylethyl)-, dihydrochloride (9CI) (CA INDEX NAME)
MF C24 H28 N2 O . 2 Cl H
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (150917-75-2)

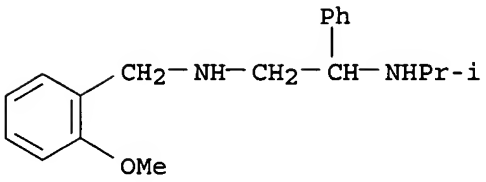


●2 HCl

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 79 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 150917-37-6 REGISTRY
ED Entered STN: 28 Oct 1993
CN 1,2-Ethanediamine, N2-[(2-methoxyphenyl)methyl]-N1-(1-methylethyl)-1-phenyl-, dihydrochloride (9CI) (CA INDEX NAME)
MF C19 H26 N2 O . 2 Cl H

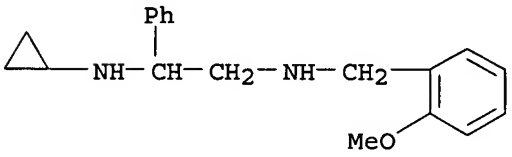
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (150917-74-1)



●2 HCl

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

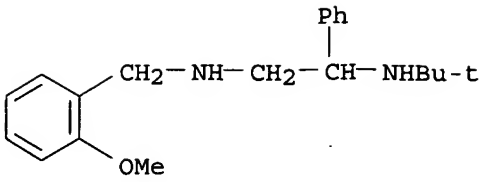
L7 ANSWER 80 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 150917-36-5 REGISTRY
ED Entered STN: 28 Oct 1993
CN 1,2-Ethanediamine, N1-cyclopropyl-N2-[(2-methoxyphenyl)methyl]-1-phenyl-, dihydrochloride (9CI) (CA INDEX NAME)
MF C19 H24 N2 O . 2 Cl H
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (150917-73-0)



●2 HCl

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

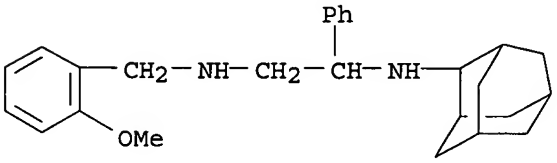
L7 ANSWER 81 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 150917-35-4 REGISTRY
ED Entered STN: 28 Oct 1993
CN 1,2-Ethanediamine, N1-(1,1-dimethylethyl)-N2-[(2-methoxyphenyl)methyl]-1-phenyl-, dihydrochloride (9CI) (CA INDEX NAME)
MF C20 H28 N2 O . 2 Cl H
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (150917-72-9)



●2 HCl

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

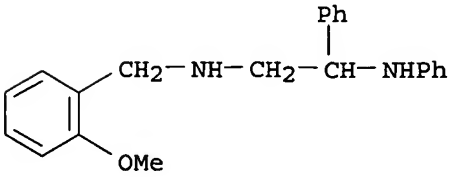
L7 ANSWER 82 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 150917-34-3 REGISTRY
ED Entered STN: 28 Oct 1993
CN 1,2-Ethanediamine, N2-[(2-methoxyphenyl)methyl]-1-phenyl-N1-tricyclo[3.3.1.13,7]dec-2-yl-, dihydrochloride (9CI) (CA INDEX NAME)
MF C26 H34 N2 O . 2 Cl H
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (150917-71-8)



●2 HCl

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

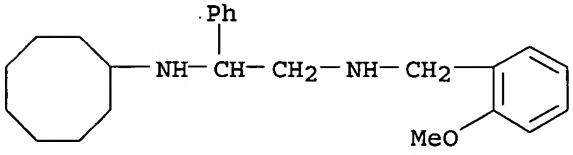
L7 ANSWER 83 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 150917-33-2 REGISTRY
ED Entered STN: 28 Oct 1993
CN 1,2-Ethanediamine, N2-[(2-methoxyphenyl)methyl]-N1,1-diphenyl-, dihydrochloride (9CI) (CA INDEX NAME)
MF C22 H24 N2 O . 2 Cl H
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (693214-00-5)



●2 HCl

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

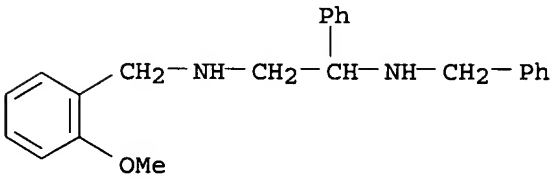
L7 ANSWER 84 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 150917-32-1 REGISTRY
ED Entered STN: 28 Oct 1993
CN 1,2-Ethanediamine, N1-cyclooctyl-N2-[(2-methoxyphenyl)methyl]-1-phenyl-, dihydrochloride (9CI) (CA INDEX NAME)
MF C24 H34 N2 O . 2 Cl H
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (150917-69-4)



●2 HCl

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 85 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 150917-31-0 REGISTRY
ED Entered STN: 28 Oct 1993
CN 1,2-Ethanediamine, N2-[(2-methoxyphenyl)methyl]-1-phenyl-N1-(phenylmethyl)-, dihydrochloride (9CI) (CA INDEX NAME)
MF C23 H26 N2 O . 2 Cl H
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (150917-68-3)

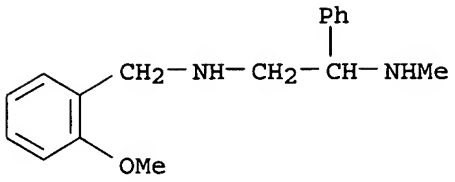


●2 HCl

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 86 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 150917-30-9 REGISTRY
ED Entered STN: 28 Oct 1993
CN 1,2-Ethanediamine, N2-[(2-methoxyphenyl)methyl]-N1-methyl-1-phenyl-, dihydrochloride (9CI) (CA INDEX NAME)
MF C17 H22 N2 O . 2 Cl H
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

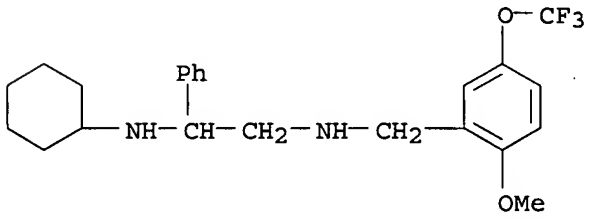
CRN (150917-67-2)



●2 HCl

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

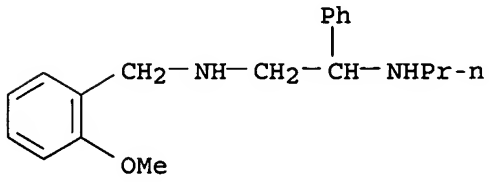
L7 ANSWER 87 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 150917-28-5 REGISTRY
ED Entered STN: 28 Oct 1993
CN 1,2-Ethanediamine, N1-cyclohexyl-N2-[[2-methoxy-5-(trifluoromethoxy)phenyl]methyl]-1-phenyl- (9CI) (CA INDEX NAME)
MF C23 H29 F3 N2 O2
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

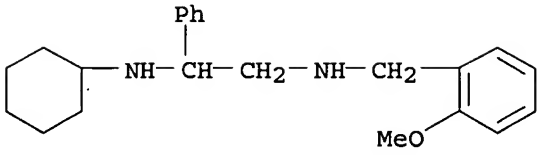


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 88 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 150917-15-0 REGISTRY
ED Entered STN: 28 Oct 1993
CN 1,2-Ethanediamine, N2-[(2-methoxyphenyl)methyl]-1-phenyl-N1-propyl- (9CI) (CA INDEX NAME)
MF C19 H26 N2 O
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

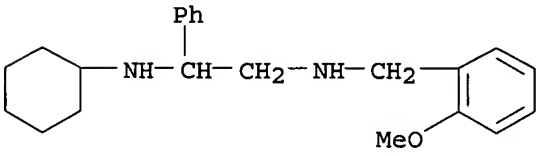




●2 HCl

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 92 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 150917-11-6 REGISTRY
ED Entered STN: 28 Oct 1993
CN 1,2-Ethanediamine, N1-cyclohexyl-N2-[(2-methoxyphenyl)methyl]-1-phenyl- (9CI) (CA INDEX NAME)
MF C22 H30 N2 O
CI COM
SR CA
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL

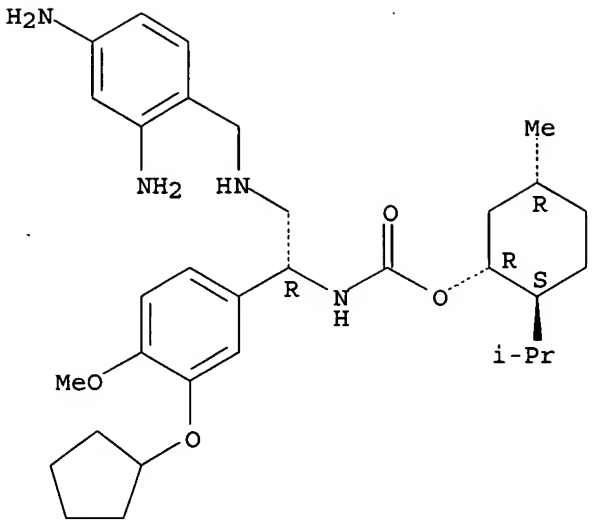


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 93 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 143222-97-3 REGISTRY
ED Entered STN: 28 Aug 1992
CN Carbamic acid, [1-[3-(cyclopentyloxy)-4-methoxyphenyl]-2-[[(2,4-diaminophenyl)methyl]amino]ethyl]-, 5-methyl-2-(1-methylethyl)cyclohexyl ester, [1R-[1α(R*),2β,5α]]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C32 H48 N4 O4
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.

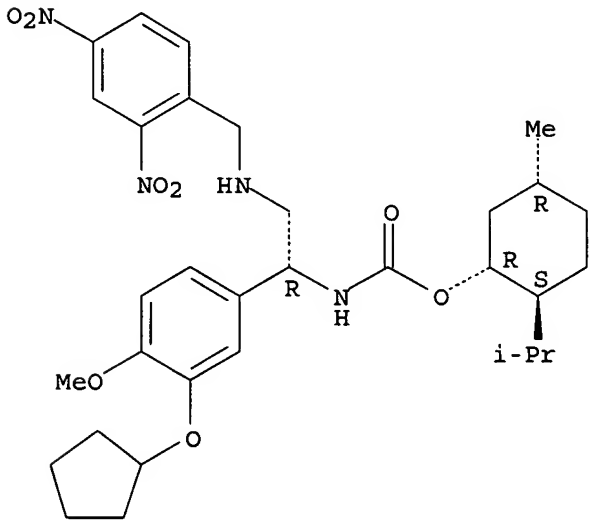


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 94 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 143222-96-2 REGISTRY
ED Entered STN: 28 Aug 1992
CN Carbamic acid, [1-[3-(cyclopentyloxy)-4-methoxyphenyl]-2-[[(2,4-dinitrophenyl)methyl]amino]ethyl]-, 5-methyl-2-(1-methylethyl)cyclohexyl ester, [1R-[1α(R*),2β,5α]]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C32 H44 N4 O8
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.

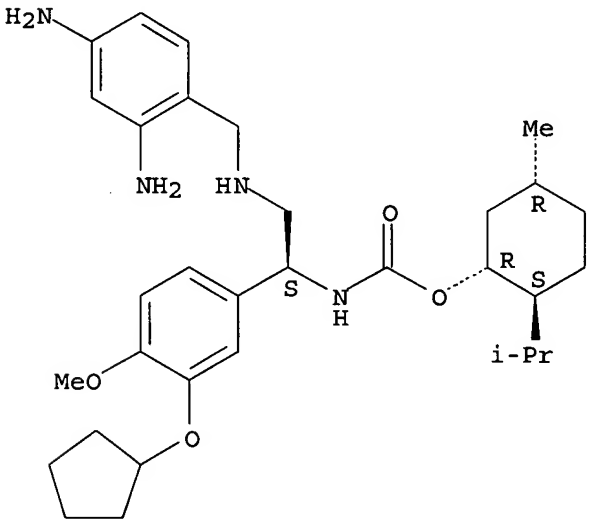


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 95 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 143222-95-1 REGISTRY
ED Entered STN: 28 Aug 1992
CN Carbamic acid, [1-[3-(cyclopentyloxy)-4-methoxyphenyl]-2-[[(2,4-diaminophenyl)methyl]amino]ethyl]-, 5-methyl-2-(1-methylethyl)cyclohexyl ester, [1R-[1α(S*),2β,5α]]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C32 H48 N4 O4
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.

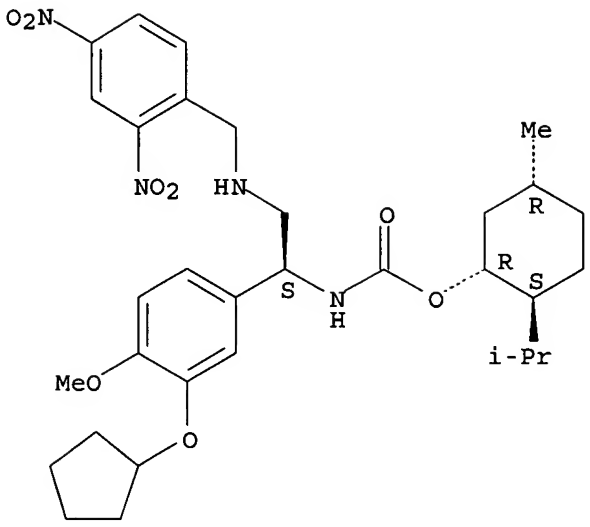


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 96 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 143222-94-0 REGISTRY
ED Entered STN: 28 Aug 1992
CN Carbamic acid, [1-[3-(cyclopentyloxy)-4-methoxyphenyl]-2-[[(2,4-dinitrophenyl)methyl]amino]ethyl]-, 5-methyl-2-(1-methylethyl)cyclohexyl ester, [1R-[1α(S*),2β,5α]]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C32 H44 N4 O8
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.

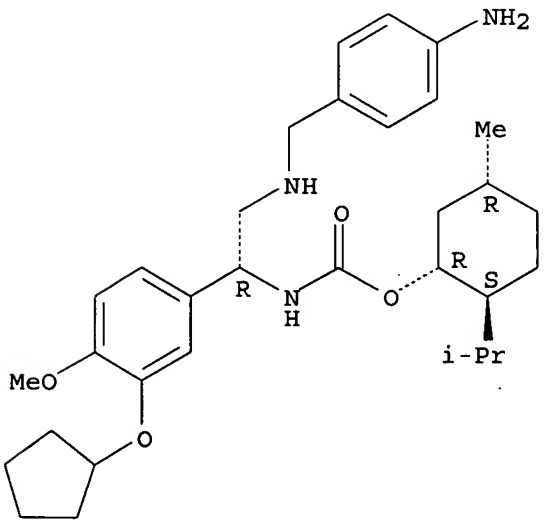


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 97 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 143222-91-7 REGISTRY
ED Entered STN: 28 Aug 1992
CN Carbamic acid, [2-[[(4-aminophenyl)methyl]amino]-1-[3-(cyclopentyloxy)-4-methoxyphenyl]ethyl]-, 5-methyl-2-(1-methylethyl)cyclohexyl ester, [1R-[1α(R*),2β,5α]]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C32 H47 N3 O4
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.

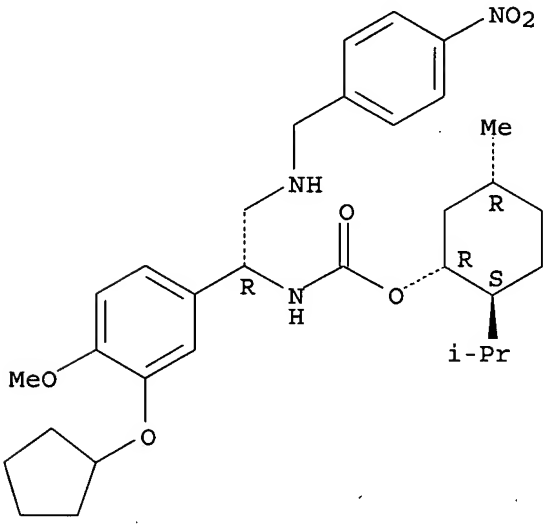


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 98 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 143222-90-6 REGISTRY
ED Entered STN: 28 Aug 1992
CN Carbamic acid, [1-[3-(cyclopentyloxy)-4-methoxyphenyl]-2-[[(4-nitrophenyl)methyl]amino]ethyl]-, 5-methyl-2-(1-methylethyl)cyclohexyl ester, [1R-[1α(R*),2β,5α]]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C32 H45 N3 O6
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.

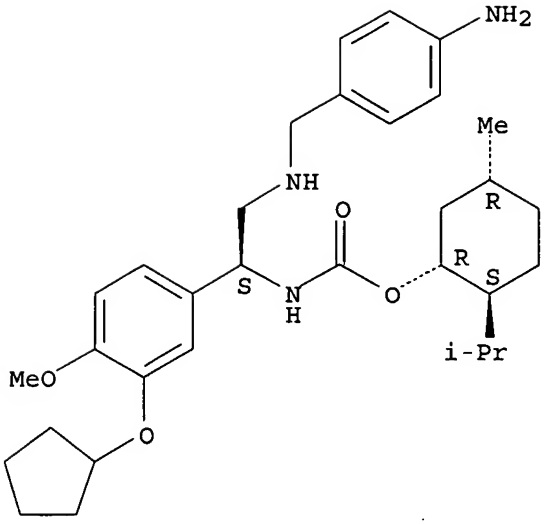


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 99 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 143222-89-3 REGISTRY
ED Entered STN: 28 Aug 1992
CN Carbamic acid, [2-[[(4-aminophenyl)methyl]amino]-1-[3-(cyclopentyloxy)-4-methoxyphenyl]ethyl]-, 5-methyl-2-(1-methylethyl)cyclohexyl ester, [1R-[1α(S*),2β,5α]]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C32 H47 N3 O4
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.

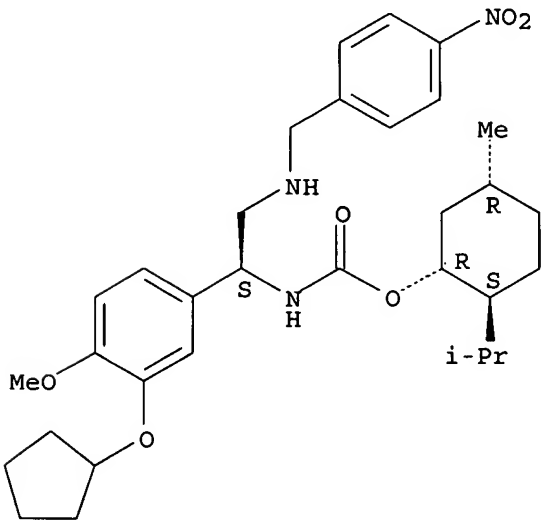


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

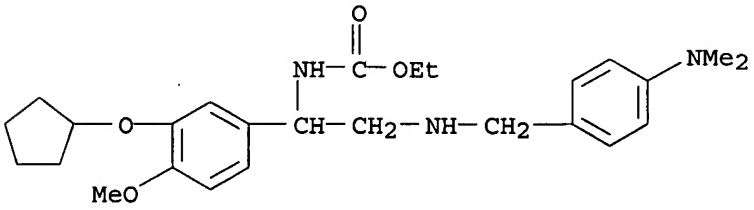
- 1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 100 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 143222-88-2 REGISTRY
ED Entered STN: 28 Aug 1992
CN Carbamic acid, [1-[3-(cyclopentyloxy)-4-methoxyphenyl]-2-[[(4-nitrophenyl)methyl]amino]ethyl]-, 5-methyl-2-(1-methylethyl)cyclohexyl ester, [1R-[1α(S*),2β,5α]]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C32 H45 N3 O6
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.



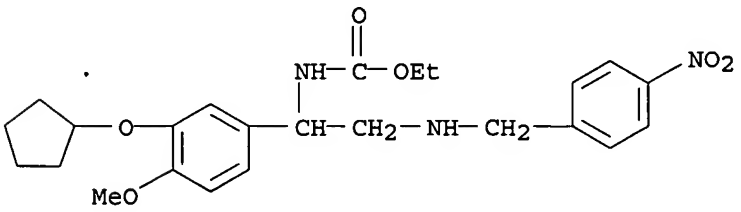
L7 ANSWER 103 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 142666-84-0 REGISTRY
ED Entered STN: 30 Jul 1992
CN Carbamic acid, [1-[3-(cyclopentyloxy)-4-methoxyphenyl]-2-[[[4-(dimethylamino)phenyl]methyl]amino]ethyl]-, ethyl ester (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Carbamic acid, [1-[3-(cyclopentyloxy)-4-methoxyphenyl]-2-[[[4-(dimethylamino)phenyl]methyl]amino]ethyl]-, ethyl ester, (±)-
MF C26 H37 N3 O4
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 104 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 142666-83-9 REGISTRY
ED Entered STN: 30 Jul 1992
CN Carbamic acid, [1-[3-(cyclopentyloxy)-4-methoxyphenyl]-2-[[(4-nitrophenyl)methyl]amino]ethyl]-, ethyl ester (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Carbamic acid, [1-[3-(cyclopentyloxy)-4-methoxyphenyl]-2-[[(4-nitrophenyl)methyl]amino]ethyl]-, ethyl ester, (±)-
MF C24 H31 N3 O6
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

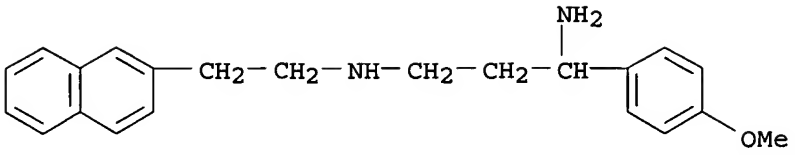


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 105 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 139702-05-9 REGISTRY
ED Entered STN: 20 Mar 1992
CN Phenol, 2,2'-[[(2-hydroxyphenyl)methylene]bis(iminomethylene)]bis- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:

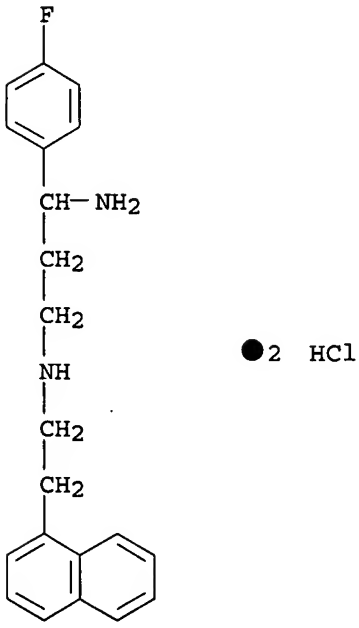
CRN (735238-32-1)



● 2 HCl

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 110 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 137098-60-3 REGISTRY
ED Entered STN: 01 Nov 1991
CN 1,3-Propanediamine, 1-(4-fluorophenyl)-N3-[2-(1-naphthalenyl)ethyl]-, dihydrochloride (9CI) (CA INDEX NAME)
MF C21 H23 F N2 . 2 Cl H
SR CA
LC STN Files: BEILSTEIN*, CA, CAPLUS, USPATFULL
(*File contains numerically searchable property data)
CRN (749817-83-2)

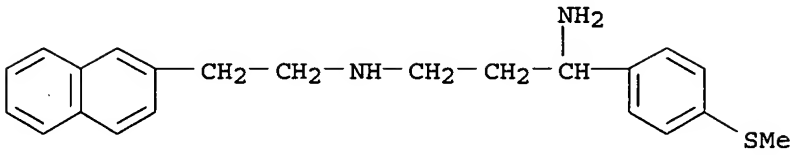


● 2 HCl

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 111 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 137098-53-4 REGISTRY
ED Entered STN: 01 Nov 1991
CN 1,3-Propanediamine, 1-[4-(methylthio)phenyl]-N3-[2-(2-naphthalenyl)ethyl]-, dihydrochloride (9CI) (CA INDEX NAME)

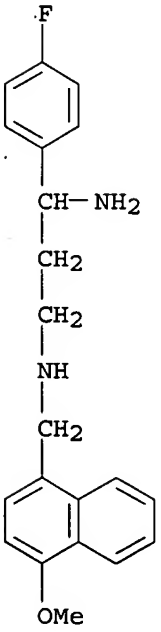
MF C22 H26 N2 S . 2 Cl H
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (692253-82-0)



●2 HCl

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 112 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 137098-44-3 REGISTRY
ED Entered STN: 01 Nov 1991
CN 1,3-Propanediamine, 1-(4-fluorophenyl)-N3-[(4-methoxy-1-naphthalenyl)methyl]-, dihydrochloride (9CI) (CA INDEX NAME)
MF C21 H23 F N2 O . 2 Cl H
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (790176-83-9)

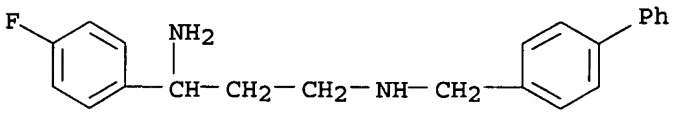


●2 HCl

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 113 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 137098-41-0 REGISTRY
ED Entered STN: 01 Nov 1991

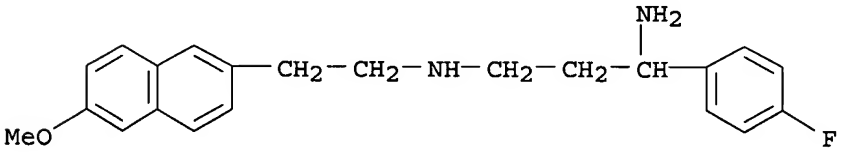
CN 1,3-Propanediamine, N3-([1,1'-biphenyl]-4-ylmethyl)-1-(4-fluorophenyl)-, dihydrochloride (9CI) (CA INDEX NAME)
MF C22 H23 F N2 . 2 Cl H
SR CA
LC STN Files: BEILSTEIN*, CA, CAPLUS, USPATFULL
(*File contains numerically searchable property data)
CRN (738553-79-2)



● 2 HCl

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 114 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 137098-39-6 REGISTRY
ED Entered STN: 01 Nov 1991
CN 1,3-Propanediamine, 1-(4-fluorophenyl)-N3-[2-(6-methoxy-2-naphthalenyl)ethyl]-, dihydrochloride (9CI) (CA INDEX NAME)
MF C22 H25 F N2 O . 2 Cl H
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (742669-26-7)



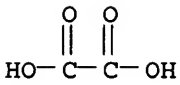
● 2 HCl

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 115 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 137098-29-4 REGISTRY
ED Entered STN: 01 Nov 1991
CN 1,3-Propanediamine, 1-(4-fluorophenyl)-N3-[2-(2-naphthalenyl)ethyl]-, dihydrochloride (9CI) (CA INDEX NAME)
MF C21 H23 F N2 . 2 Cl H
SR CA
LC STN Files: BEILSTEIN*, CA, CAPLUS, USPATFULL
(*File contains numerically searchable property data)
CRN (756787-10-7)

CM 3

CRN 144-62-7
CMF C2 H2 O4

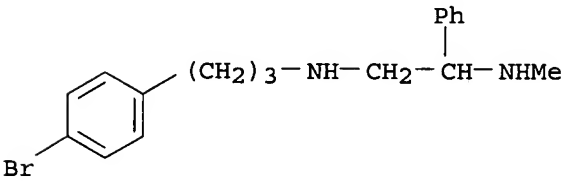


1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 118 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 127926-31-2 REGISTRY
ED Entered STN: 29 Jun 1990
CN 1,2-Ethanediamine, N2-[3-(4-bromophenyl)propyl]-N1-methyl-1-phenyl-, ethanedioate (1:2) (9CI) (CA INDEX NAME)
MF C18 H23 Br N2 . 2 C2 H2 O4
CI COM
SR CA

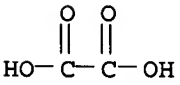
CM 1

CRN 127926-30-1
CMF C18 H23 Br N2

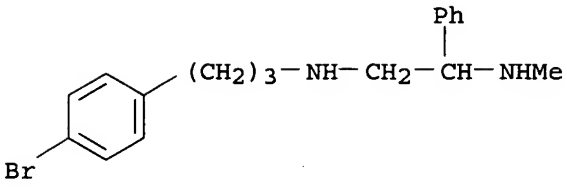


CM 2

CRN 144-62-7
CMF C2 H2 O4



L7 ANSWER 119 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 127926-30-1 REGISTRY
ED Entered STN: 29 Jun 1990
CN 1,2-Ethanediamine, N2-[3-(4-bromophenyl)propyl]-N1-methyl-1-phenyl- (9CI) (CA INDEX NAME)
MF C18 H23 Br N2
CI COM
SR CA



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

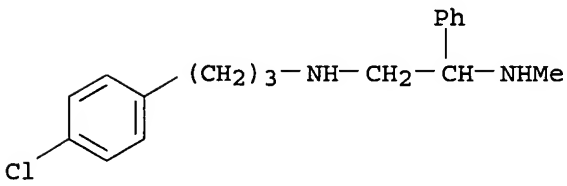
L7 ANSWER 120 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 127926-29-8 REGISTRY
ED Entered STN: 29 Jun 1990
CN 1,2-Ethanediamine, N2-[3-(4-chlorophenyl)propyl]-N1-methyl-1-phenyl-, ethanedioate (1:2), dihydrate (9CI) (CA INDEX NAME)
MF C18 H23 Cl N2 . 2 C2 H2 O4 . 2 H2 O
SR CA
LC STN Files: CA, CAPLUS

CM 1

CRN 127926-28-7
CMF C18 H23 Cl N2 . 2 C2 H2 O4

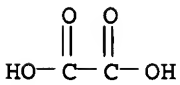
CM 2

CRN 127926-27-6
CMF C18 H23 Cl N2



CM 3

CRN 144-62-7
CMF C2 H2 O4



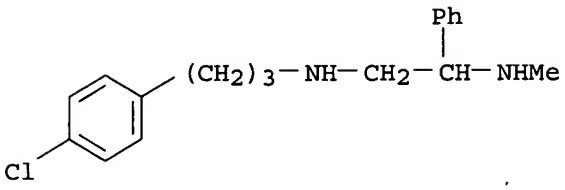
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 121 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 127926-28-7 REGISTRY
ED Entered STN: 29 Jun 1990
CN 1,2-Ethanediamine, N2-[3-(4-chlorophenyl)propyl]-N1-methyl-1-phenyl-, ethanedioate (1:2) (9CI) (CA INDEX NAME)
MF C18 H23 Cl N2 . 2 C2 H2 O4
CI COM

SR CA

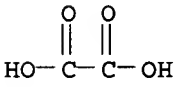
CM 1

CRN 127926-27-6
CMF C18 H23 Cl N2

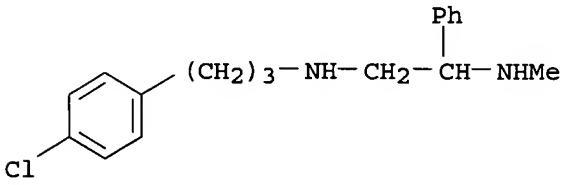


CM 2

CRN 144-62-7
CMF C2 H2 O4

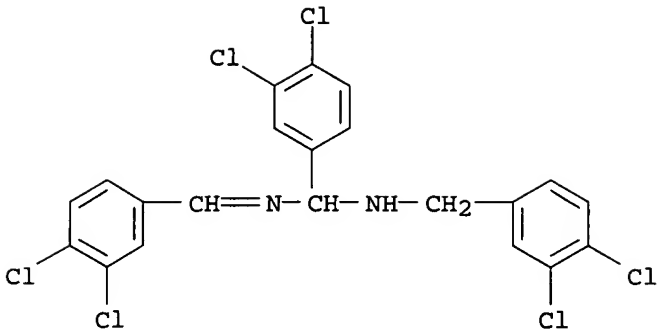


L7 ANSWER 122 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 127926-27-6 REGISTRY
ED Entered STN: 29 Jun 1990
CN 1,2-Ethanediamine, N2-[3-(4-chlorophenyl)propyl]-N1-methyl-1-phenyl- (9CI) (CA INDEX NAME)
MF C18 H23 Cl N2
CI COM
SR CA



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

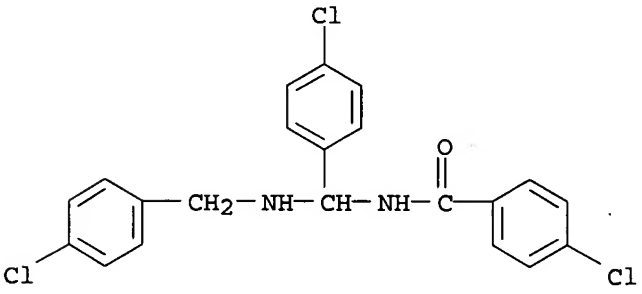
L7 ANSWER 123 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 100089-08-5 REGISTRY
ED Entered STN: 08 Feb 1986
CN Benzamidine, 3,4-dichloro-N,N'-bis(3,4-dichlorobenzyl)-, hydrochloride (7CI) (CA INDEX NAME)
MF C21 H14 Cl6 N2 . Cl H
SR CAOLD
LC STN Files: CA, CAOLD, CAPLUS, TOXCENTER
CRN (741633-96-5)



● HCl

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L7 ANSWER 124 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 95697-48-6 REGISTRY
ED Entered STN: 06 Apr 1985
CN Benzamide, p-chloro-N-[p-chloro-α-[(p-chlorobenzyl)amino]benzyl]-
(7CI) (CA INDEX NAME)
MF C21 H17 Cl3 N2 O
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS
(*File contains numerically searchable property data)

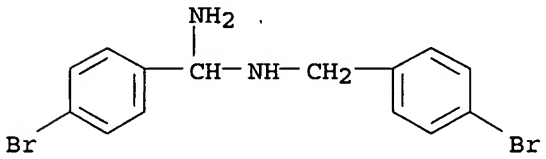


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L7 ANSWER 125 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 94863-74-8 REGISTRY
ED Entered STN: 17 Feb 1985
CN Benzamide, p-nitro-N-[p-nitro-α-[(p-nitrobenzyl)amino]benzyl]- (7CI)
(CA INDEX NAME)
MF C21 H17 N5 O7
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS
(*File contains numerically searchable property data)

RN 54560-79-1 REGISTRY
ED Entered STN: 16 Nov 1984
CN Methanediamine, 1-(4-bromophenyl)-N-[(4-bromophenyl)methyl]- (9CI) (CA INDEX NAME)
MF C14 H14 Br2 N2
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d hist

(FILE 'HOME' ENTERED AT 17:18:56 ON 01 FEB 2007)

FILE 'REGISTRY' ENTERED AT 17:20:12 ON 01 FEB 2007
L1 STRUCTURE UPLOADED
L2 44 S L1 SAM
L3 STRUCTURE UPLOADED
L4 4 S L3 SAM
L5 STRUCTURE UPLOADED
L6 0 S L5 SAM
L7 128 S L5 FULL

FILE 'CAPLUS, MEDLINE, BIOSIS, EMBASE' ENTERED AT 17:30:01 ON 01 FEB 2007
L8 56 S L7
L9 56 DUPLICATE REMOVE L8 (0 DUPLICATES REMOVED)
L10 0 S L9 AND CCR3

FILE 'REGISTRY' ENTERED AT 17:33:03 ON 01 FEB 2007

=> file caplus medline biosis embase

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	246.60	454.89

FILE 'CAPLUS' ENTERED AT 17:42:07 ON 01 FEB 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'MEDLINE' ENTERED AT 17:42:07 ON 01 FEB 2007

FILE 'BIOSIS' ENTERED AT 17:42:07 ON 01 FEB 2007
Copyright (c) 2007 The Thomson Corporation

FILE 'EMBASE' ENTERED AT 17:42:07 ON 01 FEB 2007
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=> file uspatful

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION

FULL ESTIMATED COST 3.26 458.15

FILE 'USPATFULL' ENTERED AT 17:42:30 ON 01 FEB 2007
CA INDEXING COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 1 Feb 2007 (20070201/PD)
FILE LAST UPDATED: 1 Feb 2007 (20070201/ED)
HIGHEST GRANTED PATENT NUMBER: US7171694
HIGHEST APPLICATION PUBLICATION NUMBER: US2007028338
CA INDEXING IS CURRENT THROUGH 1 Feb 2007 (20070201/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 1 Feb 2007 (20070201/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2006
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2006

=> s l7
L11 19 L7

=> d ibib 1-19

L11 ANSWER 1 OF 19 USPATFULL on STN
ACCESSION NUMBER: 2006:295598 USPATFULL
TITLE: 2,3,6-Trisubstituted-4-pyrimidone derivatives
INVENTOR(S): Watanabe, Kazutoshi, Tokyo, JAPAN
Uehara, Fumiaki, Tokyo, JAPAN
Hiki, Shinsuke, Tokyo, JAPAN
Yokoshima, Satoshi, Tokyo, JAPAN
Usui, Yoshihiro, Tokyo, JAPAN
Okuyama, Masahiro, Tokyo, JAPAN
Shoda, Aya, Tokyo, JAPAN
Aritomo, Keiichi, Tokyo, JAPAN
Kohara, Toshiyuki, Tokyo, JAPAN
Fukunaga, Kenji, Tokyo, JAPAN

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2006252768	A1	20061109	
APPLICATION INFO.:	US 2004-550299	A1	20040326	(10)
	WO 2004-JP4320		20040326	
			20060531	PCT 371 date

	NUMBER	DATE
PRIORITY INFORMATION:	JP 2003-126021	20030326
	JP 2003-126022	20030326

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: GREENBLUM & BERNSTEIN, P.L.C., 1950 ROLAND CLARKE PLACE, RESTON, VA, 20191, US
NUMBER OF CLAIMS: 16
EXEMPLARY CLAIM: 1
LINE COUNT: 12024
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 2 OF 19 USPATFULL on STN
ACCESSION NUMBER: 2006:262335 USPATFULL
TITLE: TRIAMIDE-SUBSTITUTED HETEROBICYCLIC COMPOUNDS
INVENTOR(S): Bertinato, Peter, Old Lyme, CT, UNITED STATES
Couturier, Michel A., Pawcatuck, CT, UNITED STATES
Hamanaka, Ernest S., Gales Ferry, CT, UNITED STATES
Ewing, Marcus D., Colchester, CT, UNITED STATES
Robinson, Ralph P., Gales Ferry, CT, UNITED STATES
Tickner, Derek L., Waterford, CT, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006223851	A1	20061005
APPLICATION INFO.:	US 2006-424488	A1	20060615 (11)

RELATED APPLN. INFO.: Continuation of Ser. No. US 2005-49852, filed on 3 Feb 2005, PENDING

	NUMBER	DATE
PRIORITY INFORMATION:	US 2004-541678P	20040204 (60)
	US 2004-633763P	20041206 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: PFIZER INC., PATENT DEPARTMENT, MS8260-1611, EASTERN POINT ROAD, GROTON, CT, 06340, US
NUMBER OF CLAIMS: 15
EXEMPLARY CLAIM: 1-22
NUMBER OF DRAWINGS: 2 Drawing Page(s)
LINE COUNT: 4907
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 3 OF 19 USPATFULL on STN
ACCESSION NUMBER: 2006:175454 USPATFULL
TITLE: Anti tubercular drug: compositions and methods
INVENTOR(S): Protopopova, Marina Nikolaevna, Silver Spring, MD, UNITED STATES
Lee, Richard Edward, Cordova, TN, UNITED STATES
Slayden, Richard Allan, Ft. Collins, CO, UNITED STATES
Barry, Clifton E. III, Germantown, MD, UNITED STATES
Bogatcheva, Elena, Bethesda, MD, UNITED STATES
Einck, Leo, McLean, VA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006148904	A1	20060706
APPLICATION INFO.:	US 2005-173192	A1	20050701 (11)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2005-145499, filed on 3 Jun 2005, PENDING Continuation-in-part of Ser. No. US 2002-147587, filed on 17 May 2002, GRANTED, Pat. No. US 6951961
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: JOHN S. PRATT, ESQ, KILPATRICK STOCKTON, LLP, 1100 PEACHTREE STREET, ATLANTA, GA, 30309, US
NUMBER OF CLAIMS: 24
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 108 Drawing Page(s)
LINE COUNT: 4370
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 4 OF 19 USPATFULL on STN
ACCESSION NUMBER: 2006:47525 USPATFULL
TITLE: CETP inhibitors
INVENTOR(S): Ali, Amjad, Freehold, NJ, UNITED STATES
Napolitano, Joann M., Woodbridge, NJ, UNITED STATES
Deng, Qiaolin, Edison, NJ, UNITED STATES
Lu, Zhijian, Clinton, NJ, UNITED STATES
Sinclair, Peter J., Scotch Plains, NJ, UNITED STATES
Taylor, Gayle E., Jersey City, NJ, UNITED STATES
Thompson, Christopher F., Clark, NJ, UNITED STATES
Quraishi, Nazia, Arlington, MA, UNITED STATES
Smith, Cameron J., Lawrenceville, NJ, UNITED STATES
Hunt, Julianne A., Scotch Plains, NJ, UNITED STATES
Dowst, Adrian A., Hoboken, NJ, UNITED STATES

Chen, Yi-Heng, Whippany, NJ, UNITED STATES
Li, Hong, Edison, NJ, UNITED STATES

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2006040999	A1	20060223	
APPLICATION INFO.:	US 2005-173295	A1	20050701	(11)

	NUMBER	DATE	
PRIORITY INFORMATION:	US 2004-585274P	20040702	(60)
	US 2005-646103P	20050121	(60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: James L. McGinnis, Merck & Co., Inc., Patent Dept., RY60-30, P.O. Box 2000, Rahway, NJ, 07065-0907, US
NUMBER OF CLAIMS: 21
EXEMPLARY CLAIM: 1
LINE COUNT: 8198
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 5 OF 19 USPATFULL on STN
ACCESSION NUMBER: 2005:268779 USPATFULL
TITLE: Substituted quinoline compounds
INVENTOR(S): Bertinato, Peter, Old Lyme, CT, UNITED STATES
Couturier, Michel A., Pawcatuck, CT, UNITED STATES
Hamanaka, Ernest S., Gales Ferry, CT, UNITED STATES
Ewing, Marcus D., Colchester, CT, UNITED STATES
Robinson, Ralph P., Gales Ferry, CT, UNITED STATES
Tickner, Derek L., Waterford, CT, UNITED STATES
PATENT ASSIGNEE(S): Pfizer Inc (U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2005234099	A1	20051020	
APPLICATION INFO.:	US 2005-49852	A1	20050203	(11)

	NUMBER	DATE	
PRIORITY INFORMATION:	US 2004-541678P	20040204	(60)
	US 2004-633763P	20041206	(60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: PFIZER INC., PATENT DEPARTMENT, MS8260-1611, EASTERN POINT ROAD, GROTON, CT, 06340, US
NUMBER OF CLAIMS: 39
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 2 Drawing Page(s)
LINE COUNT: 5432
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 6 OF 19 USPATFULL on STN
ACCESSION NUMBER: 2005:248406 USPATFULL
TITLE: Thiazolidine carboxamide derivatives as modulators of the prostaglandin f receptor
INVENTOR(S): Page, Patrick Naxos, Saint Julien-en Genevois, FRANCE
Jorand-Lebrun, Catherine, Contamine-Sarzin 74270, FRANCE
Quattropani, Anna, Geneve 1207, SWITZERLAND
Pomel, Vincent, Groisy 74570, FRANCE
Schwarz, Matthias, Geneve 1201, SWITZERLAND
Hamelin, Estelle, Didcot, UNITED KINGDOM

	NUMBER	KIND	DATE

PATENT INFORMATION:	US 2005215605	A1	20050929
APPLICATION INFO.:	US 2003-508014	A1	20030327 (10)
	WO 2003-EP50083		20030327
			20050512 PCT 371 date

	NUMBER	DATE
PRIORITY INFORMATION:	EP 2002-100314	20020328

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C., 1940 DUKE STREET, ALEXANDRIA, VA, 22314, US
NUMBER OF CLAIMS: 22
EXEMPLARY CLAIM: 1
LINE COUNT: 4679
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 7 OF 19 USPATFULL on STN
ACCESSION NUMBER: 2005:71123 USPATFULL
TITLE: Non-peptide tachykinin receptor antagonists
INVENTOR(S): Cho, Sung Y., Indianapolis, IN, United States
Crowell, Thomas A., Indianapolis, IN, United States
Gitter, Bruce D., Carmel, IN, United States
Hipskind, Philip A., New Palestine, IN, United States
Howbert, J. Jeffry, Bellevue, WA, United States
Krushinski, Jr., Joseph H., Indianapolis, IN, United States
Lobb, Karen L., Indianapolis, IN, United States
Muehl, Brian S., Indianapolis, IN, United States
Nixon, James A., Indianapolis, IN, United States
PATENT ASSIGNEE(S): Eli Lilly and Company, Indianapolis, IN, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6869957	B1	20050322
APPLICATION INFO.:	US 2003-668565		20030923 (10)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1995-463951, filed on 5 Jun 1995, now patented, Pat. No. US 6727255 Division of Ser. No. US 1993-153847, filed on 17 Nov 1993, now patented, Pat. No. US 6403577
DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Raymond, Richard L.
LEGAL REPRESENTATIVE: Desai, Manisha A
NUMBER OF CLAIMS: 20
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)
LINE COUNT: 3030
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 8 OF 19 USPATFULL on STN
ACCESSION NUMBER: 2004:103737 USPATFULL
TITLE: Piperidinyl and piperazinyl tachykinin receptor antagonists
INVENTOR(S): Cho, Sung Y., Indianapolis, IN, United States
Crowell, Thomas A., Indianapolis, IN, United States
Gitter, Bruce D., Carmel, IN, United States
Hipskind, Philip A., New Palestine, IN, United States
Howbert, J. Jeffry, Bellevue, WA, United States
Krushinski, Jr., Joseph H., Indianapolis, IN, United States
Lobb, Karen L., Indianapolis, IN, United States

Muehl, Brian S., Indianapolis, IN, United States
Nixon, James A., Indianapolis, IN, United States
PATENT ASSIGNEE(S): Eli Lilly and Company, Indianapolis, IN, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6727255	B1	20040427
APPLICATION INFO.:	US 1995-463951		19950605 (8)

RELATED APPLN. INFO.: Division of Ser. No. US 1993-153847, filed on 17 Nov 1993, now patented, Pat. No. US 6403577
DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Raymond, Richard L.
LEGAL REPRESENTATIVE: Desai, Manisha A., Gaylo, Paul J.
NUMBER OF CLAIMS: 9
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)
LINE COUNT: 3122
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 9 OF 19 USPATFULL on STN
ACCESSION NUMBER: 2004:44993 USPATFULL
TITLE: Anti tubercular drug: compositions and methods
INVENTOR(S): Protopopova, Marina Nikolaevna, Silver Springs, MD, UNITED STATES
Lee, Richard Edward, Cordova, TN, UNITED STATES
Slayden, Richard Allan, Ft. Collins, CO, UNITED STATES
Barry, Clifton E., III, Washington, DC, UNITED STATES
Bogatcheva, Elena, Bethesda, MD, UNITED STATES
Einck, Leo, McLean, VA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004033986	A1	20040219
APPLICATION INFO.:	US 2003-440017	A1	20030516 (10)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2002-147587, filed on 17 May 2002, PENDING

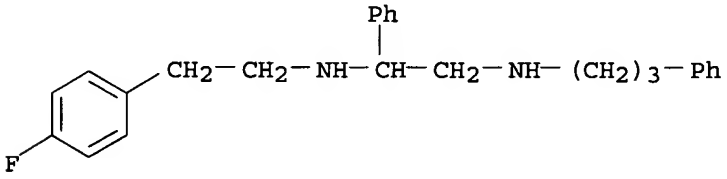
	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-381220P	20020517 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: JOHN S. PRATT, ESQ, KILPATRICK STOCKTON, LLP, 1100 PEACHTREE STREET, SUITE 2800, ATLANTA, GA, 30309
NUMBER OF CLAIMS: 23
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 95 Drawing Page(s)
LINE COUNT: 3986
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 10 OF 19 USPATFULL on STN
ACCESSION NUMBER: 2004:25275 USPATFULL
TITLE: Anti tubercular drug: compostions and methods
INVENTOR(S): Protopopova, Marina Nikolaevna, Silver Spring, MD, UNITED STATES
Lee, Richard Edward, Cordova, TN, UNITED STATES
Slayden, Richard Allan, Ft. Collins, CO, UNITED STATES
Barry, Clifton E., III, Washington, DC, UNITED STATES
Bogatcheva, Elena, Bethesda, MD, UNITED STATES
Einck, Leo, McLean, VA, UNITED STATES

	NUMBER	KIND	DATE

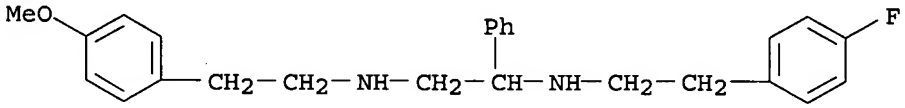
L7 ANSWER 32 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 627519-53-3 REGISTRY
ED Entered STN: 19 Dec 2003
CN 1,2-Ethanediamine, N1-[2-(4-fluorophenyl)ethyl]-1-phenyl-N2-(3-phenylpropyl)- (9CI) (CA INDEX NAME)
MF C25 H29 F N2
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

4 REFERENCES IN FILE CA (1907 TO DATE)
4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 33 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 627519-52-2 REGISTRY
ED Entered STN: 19 Dec 2003
CN 1,2-Ethanediamine, N1-[2-(4-fluorophenyl)ethyl]-N2-[2-(4-methoxyphenyl)ethyl]-1-phenyl- (9CI) (CA INDEX NAME)
MF C25 H29 F N2 O
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

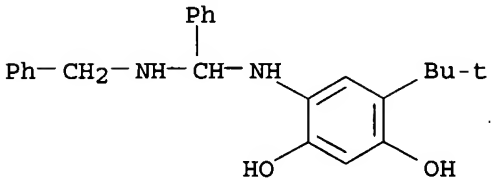


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

4 REFERENCES IN FILE CA (1907 TO DATE)
4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 34 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 612534-17-5 REGISTRY
ED Entered STN: 04 Nov 2003
CN 2-Thiazolidinecarboxamide, 3-([1,1'-biphenyl]-4-ylsulfonyl)-N-[3-[[(4-fluorophenyl)methyl]amino]-1-phenylpropyl]- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 3-[([1,1'-Biphenyl]-4-yl)sulfonyl]-N-[3-[(4-fluorobenzyl)amino]-1-phenylpropyl]thiazolidine-2-carboxamide
MF C32 H32 F N3 O3 S2
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

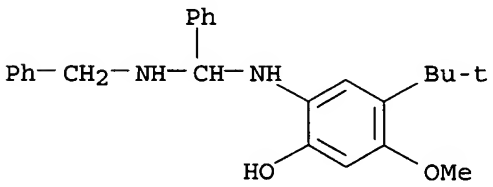
CN 1,3-Benzenediol, 4-(1,1-dimethylethyl)-6-[[phenyl[(phenylmethyl)amino]methyl]amino]- (9CI) (CA INDEX NAME)
MF C24 H28 N2 O2
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 55 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 167315-77-7 REGISTRY
ED Entered STN: 07 Sep 1995
CN Phenol, 4-(1,1-dimethylethyl)-5-methoxy-2-[[phenyl[(phenylmethyl)amino]methyl]amino]- (9CI) (CA INDEX NAME)
MF C25 H30 N2 O2
SR CA
LC STN Files: CA, CAPLUS

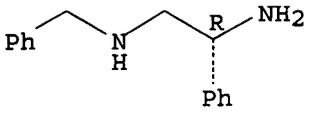


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 56 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 155220-77-2 REGISTRY
ED Entered STN: 20 May 1994
CN 1,2-Ethanediamine, 1-phenyl-N2-(phenylmethyl)-, (1R)- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1,2-Ethanediamine, 1-phenyl-N2-(phenylmethyl)-, (R)-
FS STEREOSEARCH
MF C15 H18 N2
SR CA
LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry.

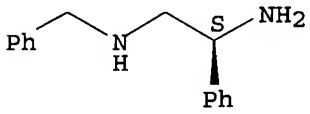


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

4 REFERENCES IN FILE CA (1907 TO DATE)
4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 57 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 155220-76-1 REGISTRY
ED Entered STN: 20 May 1994
CN 1,2-Ethanediamine, 1-phenyl-N2-(phenylmethyl)-, (S)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C15 H18 N2
SR CA
LC STN Files: CA, CAPLUS, CASREACT

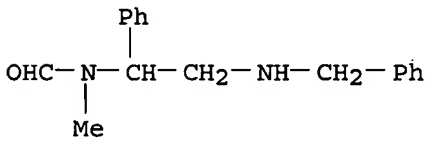
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 58 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 154108-71-1 REGISTRY
ED Entered STN: 05 Apr 1994
CN Formamide, N-methyl-N-[1-phenyl-2-[(phenylmethyl)amino]ethyl]- (9CI) (CA INDEX NAME)
MF C17 H20 N2 O
SR CA
LC STN Files: CA, CAPLUS

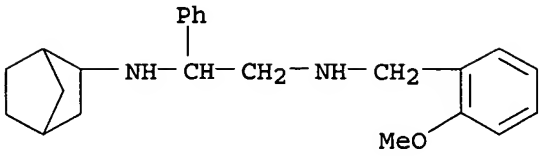


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 59 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 150917-76-3 REGISTRY
ED Entered STN: 28 Oct 1993
CN 1,2-Ethanediamine, N1-bicyclo[2.2.1]hept-2-yl-N2-[(2-methoxyphenyl)methyl]-1-phenyl- (9CI) (CA INDEX NAME)

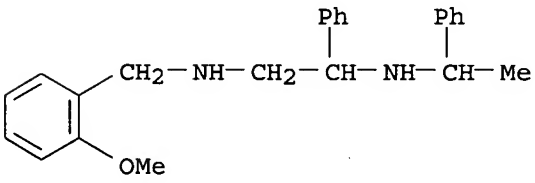
MF C23 H30 N2 O
CI COM
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

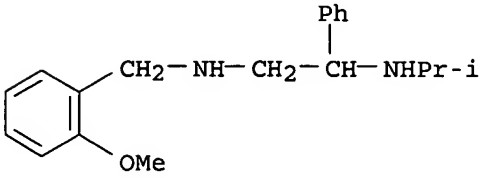
L7 ANSWER 60 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 150917-75-2 REGISTRY
ED Entered STN: 28 Oct 1993
CN 1,2-Ethanediamine, N2-[(2-methoxyphenyl)methyl]-1-phenyl-N1-(1-phenylethyl)- (9CI) (CA INDEX NAME)
MF C24 H28 N2 O
CI COM
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

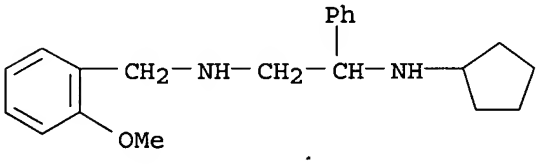
L7 ANSWER 61 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 150917-74-1 REGISTRY
ED Entered STN: 28 Oct 1993
CN 1,2-Ethanediamine, N2-[(2-methoxyphenyl)methyl]-N1-(1-methylethyl)-1-phenyl- (9CI) (CA INDEX NAME)
MF C19 H26 N2 O
CI COM
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

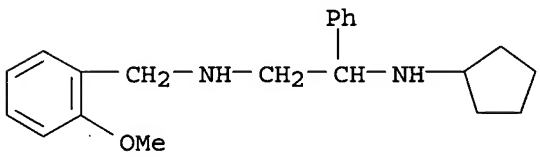
L7 ANSWER 89 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 150917-14-9 REGISTRY
ED Entered STN: 28 Oct 1993
CN 1,2-Ethanediamine, N1-cyclopentyl-N2-[(2-methoxyphenyl)methyl]-1-phenyl-, dihydrochloride (9CI) (CA INDEX NAME)
MF C21 H28 N2 O . 2 Cl H
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (150917-13-8)



●2 HCl

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 90 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 150917-13-8 REGISTRY
ED Entered STN: 28 Oct 1993
CN 1,2-Ethanediamine, N1-cyclopentyl-N2-[(2-methoxyphenyl)methyl]-1-phenyl- (9CI) (CA INDEX NAME)
MF C21 H28 N2 O
CI COM
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

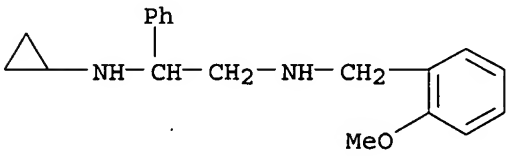
2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 91 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 150917-12-7 REGISTRY
ED Entered STN: 28 Oct 1993
CN 1,2-Ethanediamine, N1-cyclohexyl-N2-[(2-methoxyphenyl)methyl]-1-phenyl-, dihydrochloride (9CI) (CA INDEX NAME)
MF C22 H30 N2 O . 2 Cl H
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (150917-11-6)

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

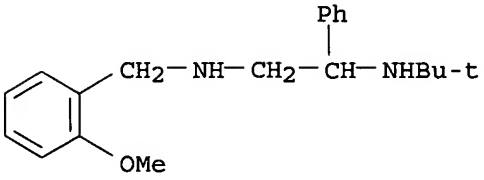
L7 ANSWER 62 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 150917-73-0 REGISTRY
ED Entered STN: 28 Oct 1993
CN 1,2-Ethanediamine, N1-cyclopropyl-N2-[(2-methoxyphenyl)methyl]-1-phenyl- (9CI) (CA INDEX NAME)
MF C19 H24 N2 O
CI COM
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 63 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 150917-72-9 REGISTRY
ED Entered STN: 28 Oct 1993
CN 1,2-Ethanediamine, N1-(1,1-dimethylethyl)-N2-[(2-methoxyphenyl)methyl]-1-phenyl- (9CI) (CA INDEX NAME)
MF C20 H28 N2 O
CI COM
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

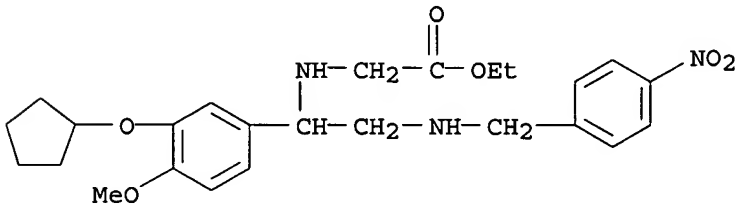
L7 ANSWER 64 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 150917-71-8 REGISTRY
ED Entered STN: 28 Oct 1993
CN 1,2-Ethanediamine, N2-[(2-methoxyphenyl)methyl]-1-phenyl-N1-tricyclo[3.3.1.13,7]dec-2-yl- (9CI) (CA INDEX NAME)
MF C26 H34 N2 O
CI COM
SR CA
LC STN Files: CA, CAPLUS

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d l7 101-128

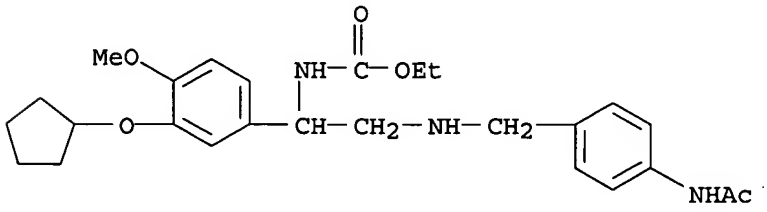
L7 ANSWER 101 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 142666-88-4 REGISTRY
ED Entered STN: 30 Jul 1992
CN Glycine, N-[1-[3-(cyclopentyloxy)-4-methoxyphenyl]-2-[[(4-nitrophenyl)methyl]amino]ethyl]-, ethyl ester (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Glycine, N-[1-[3-(cyclopentyloxy)-4-methoxyphenyl]-2-[[(4-nitrophenyl)methyl]amino]ethyl]-, ethyl ester, (±)-
MF C25 H33 N3 O6
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

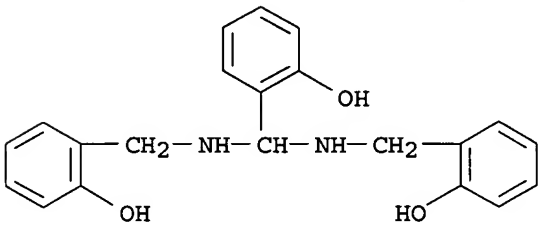
L7 ANSWER 102 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 142666-85-1 REGISTRY
ED Entered STN: 30 Jul 1992
CN Carbamic acid, [2-[[[4-(acetylamino)phenyl]methyl]amino]-1-[3-(cyclopentyloxy)-4-methoxyphenyl]ethyl]-, ethyl ester (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Carbamic acid, [2-[[[4-(acetylamino)phenyl]methyl]amino]-1-[3-(cyclopentyloxy)-4-methoxyphenyl]ethyl]-, ethyl ester, (±)-
MF C26 H35 N3 O5
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

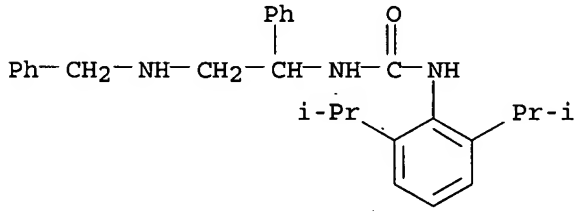
CN o-Cresol, α,α-bis(salicylamino)- (5CI)
OTHER NAMES:
CN N,N'-Bis-(2-hydroxybenzyl)-2-hydroxyphenylmethanediamine
MF C21 H22 N2 O3
SR CA
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

4 REFERENCES IN FILE CA (1907 TO DATE)
4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

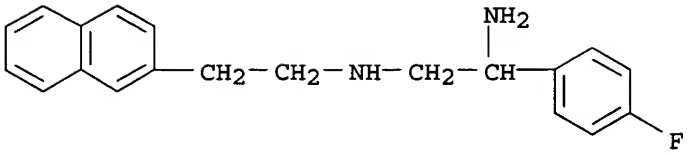
L7 ANSWER 106 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 137102-06-8 REGISTRY
ED Entered STN: 01 Nov 1991
CN Urea, N-[2,6-bis(1-methylethyl)phenyl]-N'-[1-phenyl-2-[(phenylmethyl)amino]ethyl]- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Urea, N-[2,6-bis(1-methylethyl)phenyl]-N'-[1-phenyl-2-[(phenylmethyl)amino]ethyl]-, (±)-
MF C28 H35 N3 O
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

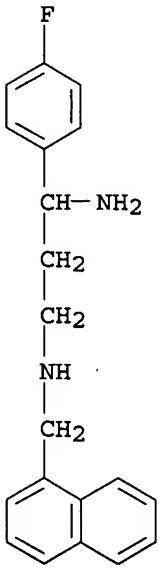
L7 ANSWER 107 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 137098-80-7 REGISTRY
ED Entered STN: 01 Nov 1991
CN 1,2-Ethanediamine, 1-(4-fluorophenyl)-N2-[2-(2-naphthalenyl)ethyl]-, dihydrochloride (9CI) (CA INDEX NAME)
MF C20 H21 F N2 . 2 Cl H
SR CA
LC STN Files: BEILSTEIN*, CA, CAPLUS, USPATFULL
(*File contains numerically searchable property data)
CRN (746573-99-9)



●2 HCl

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

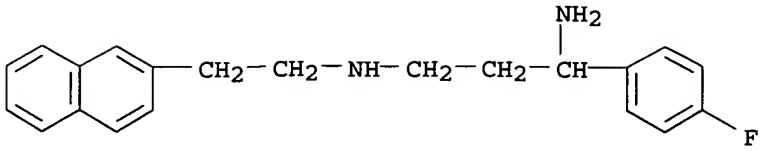
L7 ANSWER 108 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 137098-71-6 REGISTRY
ED Entered STN: 01 Nov 1991
CN 1,3-Propanediamine, 1-(4-fluorophenyl)-N3-(1-naphthalenylmethyl)-, dihydrochloride (9CI) (CA INDEX NAME)
MF C20 H21 F N2 . 2 Cl H
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (774507-09-4)



●2 HCl

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

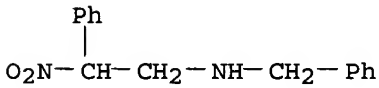
L7 ANSWER 109 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 137098-69-2 REGISTRY
ED Entered STN: 01 Nov 1991
CN 1,3-Propanediamine, 1-(4-methoxyphenyl)-N3-[2-(2-naphthalenyl)ethyl]-, dihydrochloride (9CI) (CA INDEX NAME)
MF C22 H26 N2 O . 2 Cl H
SR CA
LC STN Files: BEILSTEIN*, CA, CAPLUS, USPATFULL
(*File contains numerically searchable property data)



●2 HCl

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 116 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 135628-74-9 REGISTRY
ED Entered STN: 16 Aug 1991
CN Benzeneethanamine, β-nitro-N-(phenylmethyl)- (9CI) (CA INDEX NAME)
MF C15 H16 N2 O2
SR CA
LC STN Files: BEILSTEIN*, CA, CAPLUS, CHEMINFORMRX
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

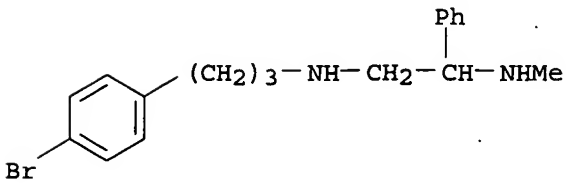
L7 ANSWER 117 OF 128 REGISTRY COPYRIGHT 2007 ACS on STN
RN 127926-32-3 REGISTRY
ED Entered STN: 29 Jun 1990
CN 1,2-Ethanediamine, N2-[3-(4-bromophenyl)propyl]-N1-methyl-1-phenyl-, ethanedioate (1:2), dihydrate (9CI) (CA INDEX NAME)
MF C18 H23 Br N2 . 2 C2 H2 O4 . 2 H2 O
SR CA
LC STN Files: CA, CAPLUS

CM 1

CRN 127926-31-2
CMF C18 H23 Br N2 . 2 C2 H2 O4

CM 2

CRN 127926-30-1
CMF C18 H23 Br N2



	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004019117	A1	20040129
APPLICATION INFO.:	US 2003-441146	A1	20030519 (10)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2002-147587, filed on 17 May 2002, PENDING

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-381220P	20020517 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: JOHN S. PRATT, ESQ, KILPATRICK STOCKTON, LLP, 1100 PEACHTREE STREET, SUITE 2800, ATLANTA, GA, 30309
NUMBER OF CLAIMS: 24
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 96 Drawing Page(s)
LINE COUNT: 4067
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 11 OF 19 USPATFULL on STN
ACCESSION NUMBER: 2002:136983 USPATFULL
TITLE: Hexamethyleneiminyl tachykinin receptor antagonists
INVENTOR(S): Cho, Sung Y., Indianapolis, IN, United States
Crowell, Thomas A., Indianapolis, IN, United States
Gitter, Bruce D., Carmel, IN, United States
Hipskind, Philip A., New Palestine, IN, United States
Howbert, J. Jeffry, Bellevue, WA, United States
Krushinski, Jr., Joseph H., Indianapolis, IN, United States
Lobb, Karen L., Indianapolis, IN, United States
Muehl, Brian S., Indianapolis, IN, United States
Nixon, James A., Indianapolis, IN, United States
PATENT ASSIGNEE(S): Eli Lilly and Company, Indianapolis, IN, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6403577	B1	20020611
APPLICATION INFO.:	US 1993-153847		19931117 (8)

DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Bernhardt, Emily
LEGAL REPRESENTATIVE: Desai, Manisha A., Gaylo, Paul J., Dewalt, Elizabeth A.
NUMBER OF CLAIMS: 9
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)
LINE COUNT: 2907
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 12 OF 19 USPATFULL on STN
ACCESSION NUMBER: 2001:179102 USPATFULL
TITLE: Method of treating gout with certain indole compounds
INVENTOR(S): Johnson, Douglas W, Zionsville, IN, United States
Morin, Jr., John M, Brownsburg, IN, United States
Sawyer, Jason S, Indianapolis, IN, United States
Shuman, Robert T, Sedona, AZ, United States
PATENT ASSIGNEE(S): Eli Lilly and Company, Indianapolis, IN, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6303610	B1	20011016
	WO 9902163		19990121
APPLICATION INFO.:	US 2000-462346		20000306 (9)

	WO 1998-US14262	19980708
		20000306 PCT 371 date
		20000306 PCT 102(e) date

DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Jarvis, William R. A.
LEGAL REPRESENTATIVE: Benjamin, Roger S.
NUMBER OF CLAIMS: 15
EXEMPLARY CLAIM: 1
LINE COUNT: 3710
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 13 OF 19 USPATFULL on STN
ACCESSION NUMBER: 2001:8179 USPATFULL
TITLE: Imidazolinyl tachykinin receptor antagonists
INVENTOR(S): Hipskind, Philip A., New Palestine, IN, United States
Howbert, J. Jeffry, Bellevue, WA, United States
Muehl, Brian S., Indianapolis, IN, United States
PATENT ASSIGNEE(S): Eli Lilly and Company, Indianapolis, IN, United States (U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 6175013	B1	20010116	
APPLICATION INFO.:	US 1994-257966		19940610	(8)

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Higel, Floyd D.
LEGAL REPRESENTATIVE: Desai, Manisha A., Gaylo, Paul J.
NUMBER OF CLAIMS: 16
EXEMPLARY CLAIM: 1
LINE COUNT: 1675
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 14 OF 19 USPATFULL on STN
ACCESSION NUMBER: 2000:34549 USPATFULL
TITLE: 7-phenyl-1, 4-diazepane compounds, process for their preparation, and pharmaceutical compositions containing them
INVENTOR(S): David, Samuel, Hannover, Germany, Federal Republic of
Antel, Jochen, Bad Muender, Germany, Federal Republic of
Brueckner, Reinhard, Hannover, Germany, Federal Republic of
Ziegler, Dieter, Hemmingen, Germany, Federal Republic of
Eeckhout, Christian, Lindwedel, Germany, Federal Republic of
Bielenberg, Gerhard-Wilhelm, Alfeld, Belgium
Peck, Michael, Braine le Chateau, Belgium
PATENT ASSIGNEE(S): Solvay Pharmaceuticals GmbH, Hannover, Germany, Federal Republic of (non-U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 6040303		20000321	
APPLICATION INFO.:	US 1998-141312		19980827	(9)

	NUMBER	DATE
PRIORITY INFORMATION:	DE 1997-19737334	19970827

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Shah, Mukund J.

ASSISTANT EXAMINER: Coleman, Brenda
LEGAL REPRESENTATIVE: Evenson, McKeown, Edwards & Lenahan, P.L.L.C.
NUMBER OF CLAIMS: 6
EXEMPLARY CLAIM: 1
LINE COUNT: 1750
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 15 OF 19 USPATFULL on STN
ACCESSION NUMBER: 1999:78749 USPATFULL
TITLE: Ethane-1-2-diamine derivatives and tachykinin antagonists
INVENTOR(S): Harrison, Timothy, Great Dunmow, United Kingdom
Owens, Andrew Pate, Ellington Thorpe, United Kingdom
PATENT ASSIGNEE(S): Merck Sharp & Dohme Limited, Hoddesdon, United Kingdom (non-U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 5922744		19990713	
APPLICATION INFO.:	US 1998-6028		19980112	(9)

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1997-5557	19970113

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Richter, Johann
ASSISTANT EXAMINER: Oswecki, Jane C.
LEGAL REPRESENTATIVE: Thies, J. Eric, Rose, David L.
NUMBER OF CLAIMS: 7
EXEMPLARY CLAIM: 1
LINE COUNT: 985
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 16 OF 19 USPATFULL on STN
ACCESSION NUMBER: 97:101785 USPATFULL
TITLE: Non-peptide tachykinin receptor antagonists
INVENTOR(S): Cho, Sung Y., Indianapolis, IN, United States
Crowell, Thomas A., Indianapolis, IN, United States
Gitter, Bruce D., Carmel, IN, United States
Hipskind, Philip A., New Palestine, IN, United States
Howbert, J. Jeffry, Bellevue, WA, United States
Krushinski, Jr., Joseph H., Indianapolis, IN, United States
Lobb, Karen L., Indianapolis, IN, United States
Muehl, Brian S., Indianapolis, IN, United States
Nixon, James A., Indianapolis, IN, United States
PATENT ASSIGNEE(S): Eli Lilly and Company, Indianapolis, IN, United States (U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 5684033		19971104	
APPLICATION INFO.:	US 1995-463874		19950605	(8)

RELATED APPLN. INFO.: Division of Ser. No. US 1993-153847, filed on 17 Nov 1993, now abandoned
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Shah, Mukund J.
ASSISTANT EXAMINER: Wong, King Lit
LEGAL REPRESENTATIVE: Gaylo, Paul J., Boone, David E.
NUMBER OF CLAIMS: 9
EXEMPLARY CLAIM: 1
LINE COUNT: 2235

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 17 OF 19 USPATFULL on STN
ACCESSION NUMBER: 97:86607 USPATFULL
TITLE: Non-peptide tachykinin receptor antagonists
INVENTOR(S): Cho, Sung Y., Indianapolis, IN, United States
Crowell, Thomas A., Indianapolis, IN, United States
Gitter, Bruce D., Carmel, IN, United States
Hipskind, Philip A., New Palestine, IN, United States
Howbert, J. Jeffry, Bellevue, WA, United States
Krushinski, Jr., Joseph H., Indianapolis, IN, United States
Lobb, Karen L., Indianapolis, IN, United States
Muehl, Brian S., Indianapolis, IN, United States
Nixon, James A., Indianapolis, IN, United States
PATENT ASSIGNEE(S): Eli Lilly and Company, Indianapolis, IN, United States (U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 5670499		19970923	
APPLICATION INFO.:	US 1995-462415		19950605	(8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1993-153847, filed on 17 Nov 1993, now abandoned			

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Haley, Jacqueline
LEGAL REPRESENTATIVE: Gaylo, Paul J., Boone, David E.
NUMBER OF CLAIMS: 9
EXEMPLARY CLAIM: 1
LINE COUNT: 4533
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 18 OF 19 USPATFULL on STN
ACCESSION NUMBER: 96:46076 USPATFULL
TITLE: Acyclic ethylenediamine derivatives
INVENTOR(S): O'Neill, Brian T., Westbrook, CT, United States
PATENT ASSIGNEE(S): Pfizer Inc., New York, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 5521220		19960528	
	WO 9310073		19930527	
APPLICATION INFO.:	US 1994-240657		19940720	(8)
	WO 1992-US7730		19920918	
			19940720	PCT 371 date
			19940720	PCT 102(e) date
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1991-790934, filed on 12 Nov 1991, now abandoned			

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Dentz, Bernard
LEGAL REPRESENTATIVE: Richardson, Peter C., Ginsburg, Paul H., Bekelnitzky, Seymour G.
NUMBER OF CLAIMS: 11
EXEMPLARY CLAIM: 1
LINE COUNT: 1475
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 19 OF 19 USPATFULL on STN
ACCESSION NUMBER: 91:64859 USPATFULL
TITLE: Antiinflammatory PLA.sub.2 inhibitors
INVENTOR(S): Wilkerson, Wendell W., New Castle, DE, United States

```
PATENT ASSIGNEE(S):     Du Pont Merck Pharmaceutical Company, Wilmington, DE,
                        United States (U.S. corporation)

                             NUMBER        KIND    DATE
                        ---------------- ------ --------
PATENT INFORMATION:     US 5039706               19910813
APPLICATION INFO.:      US 1989-386925           19890728  (7)
RELATED APPLN. INFO.:   Continuation-in-part of Ser. No. US 1987-126616, filed
                        on 30 Nov 1987, now abandoned
DOCUMENT TYPE:          Utility
FILE SEGMENT:           Granted
PRIMARY EXAMINER:       Schenkman, Leonard
NUMBER OF CLAIMS:       51
EXEMPLARY CLAIM:        1,14
LINE COUNT:             1726
CAS INDEXING IS AVAILABLE FOR THIS PATENT.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COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                      23.03     481.18

FILE 'CAPLUS' ENTERED AT 17:43:13 ON 01 FEB 2007
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     (FILE 'HOME' ENTERED AT 17:18:56 ON 01 FEB 2007)

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L2          44 S L1 SAM
L3             STRUCTURE UPLOADED
L4           4 S L3 SAM
L5             STRUCTURE UPLOADED
L6           0 S L5 SAM
L7         128 S L5 FULL

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L9          56 DUPLICATE REMOVE L8 (0 DUPLICATES REMOVED)
L10          0 S L9 AND CCR3

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     FILE 'CAPLUS, MEDLINE, BIOSIS, EMBASE' ENTERED AT 17:43:13 ON 01 FEB 2007

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L8 ANSWER 1 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2006:884639 CAPLUS
DOCUMENT NUMBER: 145:292290
TITLE: Ruthenium compounds and method for preparing optically active alcohols using ruthenium compounds as catalysts
INVENTOR(S): Oooka, Hirohito; Inoue, Tsutomu
PATENT ASSIGNEE(S): Nippon Soda Co., Ltd., Japan
SOURCE: PCT Int. Appl., 31pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006090479	A1	20060831	WO 2005-JP3416	20050223

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO.: WO 2005-JP3416 20050223
OTHER SOURCE(S): MARPAT 145:292290
AB Claimed are ruthenium compds. Ru(X)(Y)(Px)n(A) [wherein each of X and Y represents a hydrogen atom, a halogen atom, a carboxyl group, or the like, Px represents a phosphine ligand, n is 1 or 2, and A represents a diamine ligand represented by the following : R1CH(NH2)CH2(NR2R3) and R1CH(NR2R3)CH2(NH2) (where R1 represents an (un)substituted alkyl group, an (un)substituted aryl group, an (un)substituted alkenyl group, or the like , each of R2 and R3 represents a hydrogen atom, an (un)substituted alkyl group, an (un)substituted alkenyl group, or the like)]. The above ruthenium compds. are used as asym. hydrogenation catalysts. Thus, hydrogenation of butyrophenone in isopropanol containing KOH in the presence of RuCl2[(S)-binap][(R)-2-dimethylamino-1-phenylethylamine] (binap = 2,2'-bis(diphenylphosphino)-1,1'-binaphthyl) under hydrogen gave 1-(S)-phenylbutanol (90% ee) in 91% yield.
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 2 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2006:657361 CAPLUS
DOCUMENT NUMBER: 145:117360
TITLE: Ethylene diamines as anti tubercular drugs: compositions and methods
INVENTOR(S): Protopopova, Marina Nikolaevna; Lee, Richard Edward; Slayden, Richard Allan; Barry, Clifton E.; Bogatcheva, Elena; Einck, Leo
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 173 pp., Cont.-in-part of U.S. Ser. No. 145,499.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 5
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2006148904	A1	20060706	US 2005-173192	20050701
US 2003236225	A1	20031225	US 2002-147587	20020517
US 6951961	B2	20051004		
ZA 2004009169	A	20050905	ZA 2004-9169	20041111
US 2006020041	A1	20060126	US 2005-145499	20050603
WO 2007005896	A2	20070111	WO 2006-US26078	20060703

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO.:

US 2002-147587	A2	20020517
US 2005-145499	A2	20050603
US 2002-381220P	P	20020517
US 2003-441146	B1	20030519
US 2005-173192	A	20050701

OTHER SOURCE(S): MARPAT 145:117360

AB The invention relates to methods and compns. for treating disease caused by infectious agents, particularly tuberculosis. In particular, methods and compns. comprising substituted ethylene diamines R1HNCH2CH(R4)NR2R3 [I; R4 = H, alkyl, aryl, etc.; R1-R3 = H, alkyl, aryl, NH2, etc.] for the treatment of infectious diseases are provided. A chemical library of substituted ethylene diamines I is prepared on a solid polystyrene support using split and pool technologies. These diamines are screened for anti-TB activity using in vitro assays (data provided). Some of the compds. I such as N-geranyl-N'-(2-adamantyl)ethane-1,2-diamine (II) were selected for testing in vivo. II was also tested for use in combination with other therapeutic agents (data given). In one embodiment, these methods and compns. are used for the treatment of mycobacterial infections, including, but not limited to, tuberculosis.

L8 ANSWER 3 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2006:117814 CAPLUS

DOCUMENT NUMBER: 144:212781

TITLE: Preparation of cholesteryl ester transfer protein (CETP) inhibitors

INVENTOR(S): Ali, Amjad; Napolitano, Joann M.; Deng, Qiaolin; Lu, Zhijian; Sinclair, Peter J.; Taylor, Gayle E.; Thompson, Christopher F.; Quraishi, Nazia; Smith, Cameron J.; Hunt, Julianne A.; Dowst, Adrian A.; Chen, Yi-Heng; Li, Hong

PATENT ASSIGNEE(S): Merck & Co., Inc., USA

SOURCE: PCT Int. Appl., 288 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006014413	A1	20060209	WO 2005-US23775	20050701

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ,

LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA,
NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK,
SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU,
ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,
CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
KG, KZ, MD, RU, TJ, TM

US 2006040999 A1 20060223 US 2005-173295 20050701

PRIORITY APPLN. INFO.: US 2004-585274P P 20040702

US 2005-646103P P 20050121

OTHER SOURCE(S): MARPAT 144:212781

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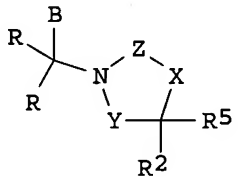

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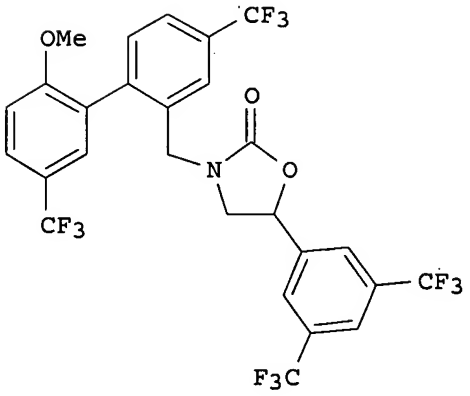

II

AB The invention is related to the preparation of compds. I [Y = CO, CRR1; X = O, NH, N-alkyl, CH2, CRR6; Z = CO, SO2, C(:NH) and derivs.; each R = independently H, halo, (un)substituted alkyl; B = A1, A2; A1 = (un)substituted biphenyl-2-yl, 2-(heterocyclyl)phenyl, etc.; A2 = (un)substituted Ph, naphthyl, 5- to 6-membered ring heterocyclyl, cycloalkyl, etc.; R1, R6 = independently H, alkyl, halo, [C(R)2]n-A2; R2 = H, alkyl, halo, A1 or [C(R)2]n-A2; with the proviso that one of B and R2 = A1; and one of B, R1, R2, and R6 = A2, [C(R)2]n-A2; R5 = H, OH, halo, (un)substituted alkyl] and their pharmaceutically acceptable salts, as cholesteryl ester transfer protein (CETP) inhibitors, and their use for raising HDL-cholesterol, reducing LDL-cholesterol, and for treating or preventing atherosclerosis. Thus, II was prepared by alkylation of 5-[3,5-bis(trifluoromethyl)phenyl]-1,3-oxazolidin-2-one (preparation given) with 2-(bromomethyl)-1-iodo-4-(trifluoromethyl)benzene (preparation given), and coupling of the iodide with [2-methoxy-5-(trifluoromethyl)phenyl]boronic acid (preparation given). In a fluorescence assay, I had an IC50 value ≤ 50 μM for the inhibition of CETP.

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2006:117052 CAPLUS
DOCUMENT NUMBER: 144:192260
TITLE: Preparation of cholesteryl ester transfer protein (CETP) inhibitors
INVENTOR(S): Ali, Amjad; Napolitano, Joann M.; Deng, Qiaolin; Lu, Zhijian; Sinclair, Peter J.; Taylor, Gayle E.; Thompson, Christopher F.; Quraishi, Nazia; Smith, Cameron J.; Hunt, Julianne A.
PATENT ASSIGNEE(S): Merck & Co., Inc., USA
SOURCE: PCT Int. Appl., 121 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006014357	A1	20060209	WO 2005-US23546	20050701
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
US 2006040999	A1	20060223	US 2005-173295	20050701
PRIORITY APPLN. INFO.:			US 2004-585274P P	20040702
			US 2005-646103P P	20050121

OTHER SOURCE(S): MARPAT 144:192260
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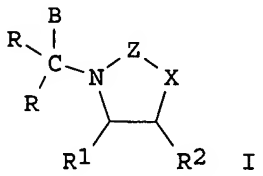

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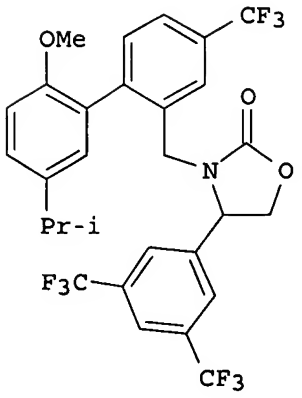


II

AB The invention is related to the preparation of compds. I [X = O, NH, N-alkyl, CH2; Z = CO, SO2, C(:NH) and derivs.; each R = independently H, Me; B = A1, A2; A1 = (un)substituted biphenyl-2-yl; A2 = (un)substituted Ph, cyclohexyl, pyridinyl; R1 = H, alkyl, [C(R)2]n-A2, etc.; with the proviso that one of B and A2 = A1; an done of B, R1, and R2 = A2 or [C(R)2]n-A2; and their pharmaceutically acceptable salts] as cholesteryl ester transfer protein (CETP) inhibitors, and their use for raising HDL-cholesterol, reducing LDL-cholesterol, and for treating or preventing atherosclerosis. Thus, II was prepared by amination of Me [3,5-bis(trifluoromethyl)phenyl](bromo)acetate (preparation given) with 1-[5'-isopropyl-2'-methoxy-4-(trifluoromethyl)biphenyl-2-yl]methanamine (preparation given), reduction of the ester, and cyclization with phosgene. In a fluorescence assay, I had an IC50 value ≤ 50 μM for the inhibition of CETP.

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 5 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2005:962242 CAPLUS

DOCUMENT NUMBER: 143:248301

TITLE: Preparation of substituted quinolines as MTP/Apo-B secretion inhibitors for treating obesity and associated conditions

INVENTOR(S): Bertinato, Peter; Couturier, Michel Andre; Hamanaka, Ernest Seiichi; Ewing, Marcus Douglas; Robinson, Ralph Pelton, Jr.; Tickner, Derek Lawrence

PATENT ASSIGNEE(S): Pfizer Products Inc., USA

SOURCE: PCT Int. Appl., 162 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

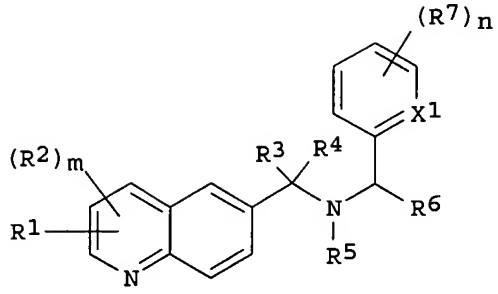
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005080373	A1	20050901	WO 2005-IB167	20050124
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2005214159	A1	20050901	AU 2005-214159	20050124
CA 2555133	A1	20050901	CA 2005-2555133	20050124
EP 1716137	A1	20061102	EP 2005-702327	20050124
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, BA, HR, IS, YU				
US 2005234099	A1	20051020	US 2005-49852	20050203
NL 1028192	A1	20050808	NL 2005-1028192	20050204
NL 1028192	C2	20060530		
US 2006223851	A1	20061005	US 2006-424488	20060615
NO 2006003928	A	20061031	NO 2006-3928	20060901

PRIORITY APPLN. INFO.:		
US 2004-541678P	P	20040204
US 2004-633763P	P	20041206
WO 2005-IB167	W	20050124
US 2005-49852	A1	20050203

OTHER SOURCE(S): MARPAT 143:248301
GI



I

AB This invention relates to MTP/Apo-B secretion inhibitors of Formula (I) wherein R1-R7, X1, m and n are as defined below, as well as pharmaceutical compns. comprising the compds., and methods of use of the compds. and compns. The compds. of the invention are useful in treating obesity and associated diseases, conditions or disorders. For I the variables are: R1 = substituted Ph or pyridine; m = 0-2; n = 0-4; X1 = N or C(Rb) where Rb = H or R7; R2, R7, and R9 = halo, OH, CN, alkyl, alkoxy, alkoxyalkyl, halo-substituted alkyl, halo-substituted alkoxy, alkylthiobenzyloxy, hydroxyalkyl, alkenyl, alkynyl, C(O)N(Rc)(R11), N(R11)C(O)R12, N(R11)CO2R12, N(R11)S(O)sR12, C(O)R12, CO2R12, OC(O)R12, SO2N(Rc)(R11) and S(O)vR12; Rc = H or alkyl; s = 1-2; v = 0-2; R3 and R4 = H or taken together with the C to which they are attached form a carbonyl group; R5 and R10 = H, alkyl, halo-substituted alkyl, cycloalkyl, C(O)R12, alkoxyalkyl, alkylthioalkyl and SO2R12. ;. Variables for I continued: R6 = optionally subsituted alkyl, pyridyl, Ph, phenylalkyl, alkenyl, alkynyl, CH2N(Rc)(R13), C(O)N(R14)(R15), CO2R20 or CH2-W-Y where W = O or S; and Y = H, alkyl, cycloalkyl, optionally substituted cycloalkylalkyl, Ph and phenylalkyl; R11 = H, alkyl, halo-substituted alkyl, cycloalkyl, alkoxyalkyl and alkylthioalkyl; R12 = optionally substituted alkyl or cycloalkyl, group; R13 = alkyl, phenylmethyl, C(O)R16 and S(O)2R16; R14 = H, optionally substituted alkyl, cycloalkyl, cycloalkylalkyl, Ph and phenylalkyl ; R15 = H, optionally substituted alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkylalkyl, Ph, phenylalkyl, pyridyl, pyridylalkyl, C(O)R12 and SO2R12; or R15 = (CH2)tN(R17)(R18) where t = 2-4 and R17 and R18 together with the N to which they are attached to form a heterocyclic ring, which is optionally substituted; or R14 and R15 together with the N to which they are attached to form a heterocyclic ring which is optionally substituted; and R16 = optionally substituted alkyl, Ph or phenylalkyl.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 6 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2005:951691 CAPLUS
DOCUMENT NUMBER: 144:468038
TITLE: Imidic acids and derivatives. C-heteroatom-substituted nitrones, other dipoles
AUTHOR(S): Cordero, F. M.; Cicchi, S.
CORPORATE SOURCE: Dipartimento di Chimica Organica, Polo Scientifico, Universita di Firenze, Florence, I-50019, Italy
SOURCE: Science of Synthesis (2005), 22, 267-330
CODEN: SSCYJ9
PUBLISHER: Georg Thieme Verlag
DOCUMENT TYPE: Journal; General Review
LANGUAGE: English

AB A review of the preparation and synthetic applications of of imidic acid derivs. featuring C-heteroatom-substituted nitrones and other dipoles.

REFERENCE COUNT: 132 THERE ARE 132 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 7 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2005:235113 CAPLUS
DOCUMENT NUMBER: 142:297866
TITLE: Ruthenium compounds having phosphine ligands and diamine ligands, their use as asymmetric hydrogenation catalysts, and preparation of optically-active alcohols using them
INVENTOR(S): Ooka, Koji; Inoue, Tsutomu
PATENT ASSIGNEE(S): Nippon Soda Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 23 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2005068113	A	20050317	JP 2003-303471	20030827
PRIORITY APPLN. INFO.:			JP 2003-303471	20030827

OTHER SOURCE(S): MARPAT 142:297866
AB Ru(X)(Y)(Px)n(A) [X, Y = H, halo, CO2H, OH, C1-20 alkoxy; Px = phosphine ligand; A = R1CH(NH2)CH2NR2R3, R1CH(NR2R3)CH2NH2 [R1 = (un)substituted C1-20 alkyl, C2-20 alkenyl, C3-8 cycloalkyl, C7-20 aralkyl, aryl, heterocyclyl; R2, R3 = H, (un)substituted C1-20 alkyl, C2-20 alkenyl, C3-8 cycloalkyl, C7-20 aralkyl; R2 and R3 may be bonded together to form a ring; R2 and/or R3 = substituent]], useful as asym. hydrogenation catalysts, are claimed. Also claimed is a method for preparation of optically-active alcs. by hydrogenation of carbonyl compds. in the presence of the Ru compds. Thus, a mixture of an isopropanol solution of KOH, (R)-H2NCHPhCH2NMe2, PhCOMe, and RuCl2[(S)-tolbinap](DMF)n (tolbinap = 2,2'-bis(di-p-tolylphosphino)-1,1'-binaphthyl) was autoclaved with 8 atm H2O at room temperature for 1 h to give (S)-PhCHMeOH (91% e.e.) at ≥99% conversion.

L8 ANSWER 8 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2005:169444 CAPLUS
DOCUMENT NUMBER: 142:411050
TITLE: Microwave-induced clay-catalyzed ring opening of N-tosylaziridines: a green approach to achiral and chiral diamines
AUTHOR(S): Nadir, Upender K.; Singh, Anamika
CORPORATE SOURCE: Department of Chemistry, Indian Institute of Technology, New Delhi, 110016, India
SOURCE: Tetrahedron Letters (2005), 46(12), 2083-2086
CODEN: TELEAY; ISSN: 0040-4039
PUBLISHER: Elsevier B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 142:411050
AB N-(tosyl)aziridine derivs. react efficiently with amines in the presence of Montmorillonite K-10 as catalyst under microwave irradiation in solvent-free conditions to yield the corresponding achiral and chiral diamines regioselectively and stereoselectively, in a few minutes and in high yields. Under these conditions, the ring opening of 1-[(4-methylphenyl)sulfonyl]-2-(phenyl)aziridine with benzenamine gave 4-methyl-N-[2-phenyl-2-(phenylamino)ethyl]benzenesulfonamide (diamine derivative) in 98% yield.
REFERENCE COUNT: 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 9 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:848985 CAPLUS
DOCUMENT NUMBER: 142:38176
TITLE: Synthesis of oxazolidinones and 1,2-diamines from N-alkyl aziridines
AUTHOR(S): Hancock, Matthew T.; Pinhas, Allan R.
CORPORATE SOURCE: Millennium Pharmaceuticals, Inc., Cambridge, MA, 02139, USA
SOURCE: Synthesis (2004), (14), 2347-2355
CODEN: SYNTBF; ISSN: 0039-7881
PUBLISHER: Georg Thieme Verlag
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 142:38176
AB Reactions of N-alkyl-substituted aziridines with LiI followed by an electrophile are discussed. In the first series of reactions, the electrophile is carbon dioxide and the product is a 2-oxazolidinone. In all cases, either no reaction occurred or a high yield of product was obtained. HMPA had to be added to some reactions to dramatically improve the regiochem. Net retention of stereochem. was observed In the second series of reactions, the electrophile is an iminium salt and the product is a 1,2-diamine. Here the reaction is highly regioselective in THF without the addition of HMPA. Unlike the oxazolidinone chemical, the diamine formation works equally well with or without the addition of LiI. With respect to the regiochem., the results are the same with and without added LiI. However, with respect to the stereochem., in the presence of added LiI, the reaction with the iminium salt goes with net retention of stereochem. In contrast, with no added LiI, in some cases the reaction goes with net retention and in some cases with net inversion of stereochem.
REFERENCE COUNT: 54 THERE ARE 54 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 10 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:817871 CAPLUS
DOCUMENT NUMBER: 141:332207
TITLE: Preparation of 2,3,6-trisubstituted-4-pyrimidones as tau protein kinase 1 inhibitors
INVENTOR(S): Watanabe, Kazutoshi; Uehara, Fumiaki; Hiki, Shinsuke; Yokoshima, Satoshi; Usui, Yoshihiro; Okuyama, Masahiro; Shoda, Aya; Aritomo, Keiichi; Kohara, Toshiyuki; Fukunaga, Kenji
PATENT ASSIGNEE(S): Mitsubishi Pharma Corporation, Japan; Sanofi-Synthelabo
SOURCE: PCT Int. Appl., 433 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004085408	A1	20041007	WO 2004-JP4320	20040326

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,

SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2004223987	A1	20041007	AU 2004-223987	20040326
CA 2520027	A1	20041007	CA 2004-2520027	20040326
EP 1608630	A1	20051228	EP 2004-723777	20040326
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK				
BR 2004009042	A	20060328	BR 2004-9042	20040326
CN 1764650	A	20060426	CN 2004-80008065	20040326
JP 2006521370	T	20060921	JP 2006-507692	20040326
NO 2005004952	A	20051025	NO 2005-4952	20051025
US 2006252768	A1	20061109	US 2006-550299	20060531
PRIORITY APPLN. INFO.:			JP 2003-126021 A	20030326
			JP 2003-126022 A	20030326
			WO 2004-JP4320 W	20040326

OTHER SOURCE(S): MARPAT 141:332207

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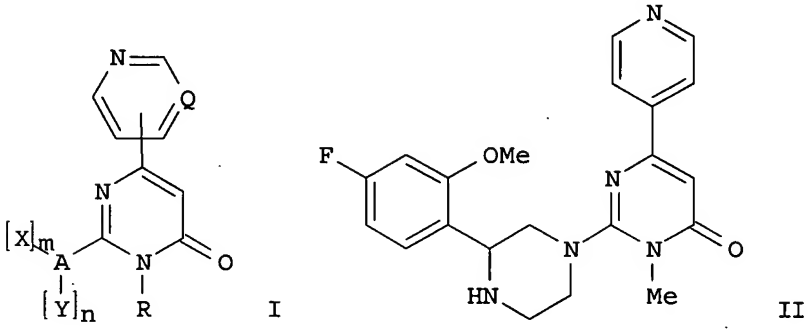


I II

AB The title compds. I [Q = CH, N; R = (un)substituted alkyl; A represents piperazine ring or piperidine ring; each X = alkyl, optionally partially hydrogenated aryl ring, indan ring or the like; m = 1-3; each Y = halo, OH, CN, alkyl or the like; n = 0-8; when X and Y or two Y groups are attached to the same carbon atom, they may combine to each other to form a C2-C6 alkylene group; and their salts] having tau protein kinase 1 inhibitory and therefore useful for preventive and/or therapeutic treatment of diseases such as neurodegenerative diseases (e.g., Alzheimer disease), were prepared and formulated. E.g., a multi-step synthesis of II.2HCl (starting from 2-bromo-5-fluoroanisole), was given. The biol. data (IC50 values against P-GS1 phosphorylation by bovine cerebral TPK1) were given for representative compds. I.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 11 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:142802 CAPLUS

DOCUMENT NUMBER: 140:175110

TITLE: Ethylene diamines as anti tubercular drugs: compositions and methods

INVENTOR(S): Protopopova, Marina Nikolaevna; Lee, Richard Edward; Slayden, Richard Allan; Barry, Clifton E.; Bogatcheva, Elena; Einck, Leo

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 156 pp., Cont.-in-part of U.S. Ser. No. 147,587.
CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 5

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
US 2004033986	A1	20040219	US 2003-440017		20030516
US 2003236225	A1	20031225	US 2002-147587		20020517
US 6951961	B2	20051004			
CN 1665801	A	20050907	CN 2003-815457		20030519
ZA 2004009169	A	20050905	ZA 2004-9169		20041111
PRIORITY APPLN. INFO.:			US 2002-147587	A2	20020517
			US 2002-381220P	P	20020517

OTHER SOURCE(S): MARPAT 140:175110

AB Methods and compns. for treating disease caused by infectious agents, particularly tuberculosis. In particular, methods and compns. comprising substituted ethylene diamines R1HNCH2CH(R4)NR2R3 [I; R4 = H, alkyl, aryl, etc.; R1-R3 = H, alkyl, aryl, NH2, etc.] for the treatment of infectious diseases are provided. A chemical library of substituted ethylene diamines I is prepared on a solid polystyrene support using split and pool technologies. These diamines are screened for anti-TB activity using in vitro assays (data provided). Some of the compds. I such as N-geranyl-N'-(2-adamantyl)ethane-1,2-diamine were selected for testing in vivo. In one embodiment, these methods and compns. are used for the treatment of mycobacterial infections, including, but not limited to, tuberculosis.

L8 ANSWER 12 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:80360 CAPLUS
DOCUMENT NUMBER: 140:139453
TITLE: Ethylene diamines as anti tubercular drugs: compositions and methods
INVENTOR(S): Protopopova, Marina Nikolaevna; Lee, Richard Edward; Slayden, Richard Allan; Barry, Clifton E.; Bogatcheva, Elena; Einck, Leo
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 158 pp., Cont.-in-part of U.S. Ser. No. 147,587.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 5
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
US 2004019117	A1	20040129	US 2003-441146		20030519
US 2003236225	A1	20031225	US 2002-147587		20020517
US 6951961	B2	20051004			
CN 1665801	A	20050907	CN 2003-815457		20030519
ZA 2004009169	A	20050905	ZA 2004-9169		20041111
US 2006020041	A1	20060126	US 2005-145499		20050603
PRIORITY APPLN. INFO.:			US 2002-147587	A2	20020517
			US 2002-381220P	P	20020517
			US 2003-441146	B1	20030519

OTHER SOURCE(S): MARPAT 140:139453

AB Methods and compns. for treating disease caused by infectious agents, particularly tuberculosis. In particular, methods and compns. comprising substituted ethylene diamines R1HNCH2CH(R4)NR2R3 [I; R4 = H, alkyl, aryl, etc.; R1-R3 = H, alkyl, aryl, NH2, etc.] for the treatment of infectious diseases are provided. A chemical library of substituted ethylene diamines I is prepared on a solid polystyrene support using split and pool technologies. These diamines are screened for anti-TB activity using in vitro assays (data provided). Some of the compds. I such as N-geranyl-N'-(2-adamantyl)ethane-1,2-diamine were selected for testing in vivo. In one embodiment, these methods and compns. are used for the

treatment of mycobacterial infections, including, but not limited to, tuberculosis.

L8 ANSWER 13 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2003:931125 CAPLUS
DOCUMENT NUMBER: 140:703
TITLE: Anti tubercular drug: compositions and methods
INVENTOR(S): Protopopova, Marina Nikolaevna; Lee, Richard Edward; Slayden, Richard Allan; Barry, Clifton E., III; Einck, Leo
PATENT ASSIGNEE(S): National Institute of Health, USA; Department of Health and Human Services; Sequella, Inc.
SOURCE: PCT Int. Appl., 223 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 5
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003096989	A2	20031127	WO 2003-US15927	20030519
WO 2003096989	A3	20040916		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2003236225	A1	20031225	US 2002-147587	20020517
US 6951961	B2	20051004		
CA 2485592	A1	20031127	CA 2003-2485592	20030519
AU 2003233610	A1	20031202	AU 2003-233610	20030519
EP 1513825	A2	20050316	EP 2003-729047	20030519
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
JP 2005526129	T	20050902	JP 2004-504988	20030519
CN 1665801	A	20050907	CN 2003-815457	20030519
ZA 2004009169	A	20050905	ZA 2004-9169	20041111

PRIORITY APPLN. INFO.:			
	US 2002-147587	A	20020517
	US 2002-381220P	P	20020517
	WO 2003-US15927	W	20030519

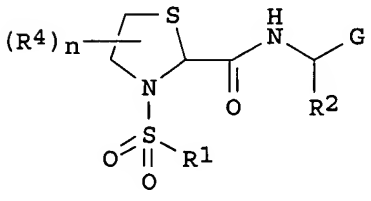
OTHER SOURCE(S): MARPAT 140:703
AB Methods and compns. for treating disease caused by infectious agents, particularly tuberculosis. In particular, methods and compns. comprising substituted ethylene diamines for the treatment of infectious diseases are provided. In one embodiment, these methods and compns. are used for the treatment of mycobacterial infections, including, but not limited to, tuberculosis.

L8 ANSWER 14 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2003:796481 CAPLUS
DOCUMENT NUMBER: 139:307755
TITLE: Preparation of thiazolidinecarboxamides as prostaglandin F2α receptor modulators
INVENTOR(S): Page, Patrick; Jorand-Lebrun, Catherine; Quattropani, Anna; Pomel, Vincent; Schwarz, Matthias; Hamelin, Estelle; Thomas, Russell J.
PATENT ASSIGNEE(S): Applied Research Systems Ars Holding N.V., Neth. Antilles

SOURCE: PCT Int. Appl., 190 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003082278	A1	20031009	WO 2003-EP50083	20030327
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2477265	A1	20031009	CA 2003-2477265	20030327
AU 2003240757	A1	20031013	AU 2003-240757	20030327
EP 1487442	A1	20041222	EP 2003-730168	20030327
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003008748	A	20050111	BR 2003-8748	20030327
CN 1655780	A	20050817	CN 2003-811560	20030327
ZA 2004006763	A	20050930	ZA 2004-6763	20030327
JP 2005531524	T	20051020	JP 2003-579816	20030327
NO 2004004262	A	20041007	NO 2004-4262	20041007
US 2005215605	A1	20050929	US 2005-508014	20050512
PRIORITY APPLN. INFO.:			EP 2002-100314 A	20020328
			WO 2003-EP50083 W	20030327

OTHER SOURCE(S): MARPAT 139:307755
GI



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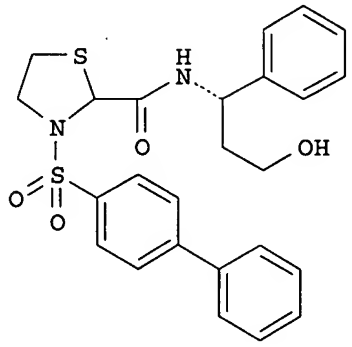


II

AB Title compds. I [wherein G = alkyl(hetero)aryl, alkyl(hetero)cycloalkyl, (hetero)aryl, or (hetero)cycloalkyl which may be fused with cycloalkyl or (hetero)aryl groups; R1 = (hetero)aryl or (heterocyclo)alkyl which may be fused with (hetero)cycloalkyl or (hetero)aryl groups; R2 = H, (alkyl)carboxy, (alkyl)acyl, (alkyl)alkoxycarbonyl, (alkyl)aminocarbonyl, alkylacyloxy, alkylacylamino, alkylureido, alkylamino, alkylalkoxy, alkylsulfanyl, alkylsulfinyl, alkylsulfonyl(amino), alkylsulfonyloxy, alkyl, alkenyl, alkynyl, (hetero)aryl, (hetero)cycloalkyl, alkyl(hetero)aryl, alkyl(hetero)cycloalkyl, alkenyl(hetero)aryl, or alkynyl(hetero)aryl; or CR2G = cycloalkyl; R4 = alkyl, alkenyl, or alkynyl; n = 0-2; geometrical isomers, optically active forms, and pharmaceutically acceptable salts and pharmaceutically active derivs.

thereof] were prepared as prostaglandin F2α (PGF2α) receptor modulators. For example, conversion of [1,1'-biphenyl]-4-sulfonic acid to the acid chloride with thionyl chloride, followed by coupling with N-[(1S)-3-hydroxy-1-phenylpropyl]-1,3-thiazolidine-2-carboxamide•HCl in the presence of TEA in DCM and chromatog. separation of the diastereomers gave (2S)-II and (2R)-II in an overall yield of 58%. (2S)-II exhibited binding affinity for the human PGF2α receptor with Ki of 0.065 μM and inhibited inositol triphosphate synthesis and Ca2+ mobilization in HEK/EBNA cells expressing the human prostaglandin PGF2α receptor with IC50 values of 0.185 μM and 0.048, resp. PGF2α- or fluprostenol-induced uterine contractions were reduced by 26% in non-pregnant rats 40 min after i.v. administration of (2S)-II at a cumulative dose of 30 mg/kg, and spontaneous uterine contractions were suppressed by >50% in late-term pregnant rats upon i.v. administration of (2S)-II over 10 min at a cumulative dose of 30 mg/kg. Thus, I and their pharmaceutical compns. are useful for the treatment and/or prophylaxis of preterm labor, premature birth, dysmenorrhea, and for stopping labor prior to cesarean delivery.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 15 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2003:665491 CAPLUS
DOCUMENT NUMBER: 139:364408
TITLE: The conversion of an aziridine plus an iminium salt to a 1,2-diamine
AUTHOR(S): Hancock, Matthew T.; Pinhas, Allan R.
CORPORATE SOURCE: Department of Chemistry, University of Cincinnati, Cincinnati, OH, 45221-0172, USA
SOURCE: Tetrahedron Letters (2003), 44(38), 7125-7128
CODEN: TELEAY; ISSN: 0040-4039
PUBLISHER: Elsevier Science B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 139:364408

AB The conversion of an aziridine to a 1,2-diamine using lithium iodide and an iminium salt is discussed. We have found that when the aziridine is substituted by only alkyl groups, it is the less substituted carbon-nitrogen bond that is broken; whereas, when the aziridine is substituted by a Ph group at either the nitrogen or the carbon, it is the more substituted carbon-nitrogen bond that is broken. For a 2,3-disubstituted aziridine, the reaction sequence goes with net retention of stereochem.

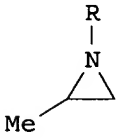
REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 16 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2003:155935 CAPLUS
DOCUMENT NUMBER: 138:169957
TITLE: Method for opening a three-membered heterocycle by a nucleophilic compound
INVENTOR(S): Cossy, Janine; Bellosta, Veronique
PATENT ASSIGNEE(S): Rhodia Chimie, Fr.
SOURCE: Fr. Demande, 46 pp.
CODEN: FRXXBL
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2821354	A1	20020830	FR 2001-2593	20010226
FR 2821354	B1	20030530		

PRIORITY APPLN. INFO.: FR 2001-2593 20010226
OTHER SOURCE(S): CASREACT 138:169957; MARPAT 138:169957
AB Method for opening a three-membered heterocycle comprises treating the heterocycle with a nucleophile in presence of a promoter Mn+.n[RfS(O)xNS(O)yR]- [M = alkali or alkaline earth metal; n = 1, 2; R = halogen, alkyl, perhaloalkyl, alkenyl, aryl, aralkyl, aralkenyl, polyfluoroalkyl; Rf = halogen, perhaloalkyl, oxaperhaloalkyl, thiaperhaloalkyl, polyfluoroalkyl; RRf = perhaloalkylene, oxaperhaloalkylene, thiaperhaloalkylene; x, y = 1, 2]. Thus, benzyloxyoxirane was treated with PhCH2CH2NH2 in presence of LiN(O3SCF3)2 in CH2Cl2 to give 86% PhCH2CH2NHCH2CH(OH)CH2OCH2Ph.

L8 ANSWER 17 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2002:819704 CAPLUS
DOCUMENT NUMBER: 138:55646
TITLE: Iron Carbonyl Promoted Conversion of an Aziridine and an Amine Oxide to a 1,2-Diamine
AUTHOR(S): Hancock, Matthew T.; Pinhas, Allan R.
CORPORATE SOURCE: Department of Chemistry, University of Cincinnati, Cincinnati, OH, 45221-0172, USA
SOURCE: Organometallics (2002), 21(24), 5155-5161
CODEN: ORGND7; ISSN: 0276-7333
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 138:55646
GI



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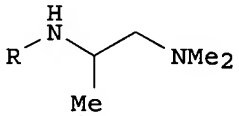


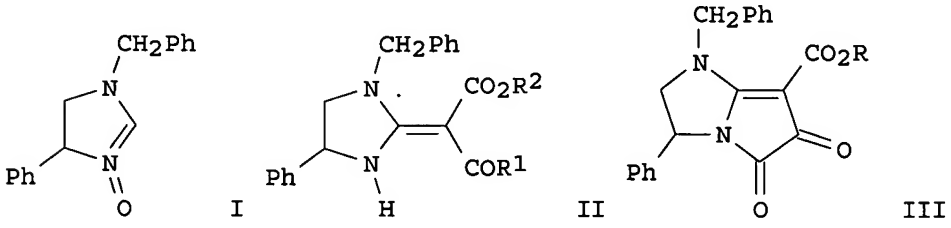
II

AB The conversion of an aziridines, e.g. I (R = PhCH2, pentyl), to a 1,2-diamines, e.g. II, using an iron carbonyl complex and amine oxides was studied. When the aziridine is substituted by only alkyl groups, it is the less substituted carbon-nitrogen bond that is broken, whereas, when the aziridine is substituted by a Ph group at either the nitrogen or the carbon, it is the more substituted carbon-nitrogen bond that is broken. With a 2,3-disubstituted aziridine, the reaction proceeds with net retention of stereochem. Because the nitrogen in the amine oxide is trisubstituted and the same nitrogen in the product is disubstituted, various amine oxides have been tried to determine the preference for which group will be removed. It is shown that the intermediate iron complex will react with an iminium salt to give the exact same product as is obtained from the corresponding amine oxide.
REFERENCE COUNT: 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 18 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2000:872593 CAPLUS
DOCUMENT NUMBER: 134:222574
TITLE: An efficient method for opening nonactivated aziridines with TMS azide: application in the synthesis of chiral 1,2-diaminocyclohexane
AUTHOR(S): Chandrasekhar, M.; Sekar, G.; Singh, V. K.
CORPORATE SOURCE: Department of Chemistry, Indian Institute of Technology, Kanpur, 208016, India
SOURCE: Tetrahedron Letters (2000), 41(51), 10079-10083
CODEN: TELEAY; ISSN: 0040-4039

PUBLISHER: Elsevier Science Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 134:222574
AB A variety of N-substituted aziridines were opened with Me3SiN3 in MeCN at room temperature in the absence of any Lewis acid. The reaction was extended to the synthesis of (R,R)- and (S,S)-1,2-diaminocyclohexane.
REFERENCE COUNT: 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

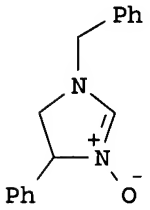
L8 ANSWER 19 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2000:678208 CAPLUS
DOCUMENT NUMBER: 134:29353
TITLE: Synthesis of ene-1,1-diamines and pyrrolo[1,2-a]imidazolediones by 4,5-dihydroimidazole N-oxide cycloaddition and isoxazoline ring opening
AUTHOR(S): Jones, Raymond C. F.; Martin, Jason N.; Smith, Paul; Gelbrich, Tomas; Light, Mark E.; Hursthouse, Michael B.
CORPORATE SOURCE: Dep. Chem., Loughborough University, Leics., LE11 3TU, UK
SOURCE: Chemical Communications (Cambridge) (2000), (19), 1949-1950
CODEN: CHCOFS; ISSN: 1359-7345
PUBLISHER: Royal Society of Chemistry
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 134:29353
GI



AB Dihydroimidazole N-oxide I undergoes 1,3-dipolar cycloaddn. with alkyne dipolarophiles R1C.tplbond.CCO2R2 [R1 = H, Me(CH2)n, Ph, n = 4, 5; R2 = Me, Et, CHMe2, CMe3] and the cycloadducts suffer isoxazoline N-O bond cleavage to afford ene-1,1-diamines II, with subsequent cyclization to pyrrolo[1,2-a]imidazole-5,6-diones III (R = Me, Et) if possible. The preferred structure of ene-1,1-diamines was confirmed by X-ray crystal structure anal.
REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 20 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2000:521063 CAPLUS
DOCUMENT NUMBER: 133:266789
TITLE: A chiral imidazoline nitrone; a cycloaddition route to imidazoisoxazoles and pyrroloimidazoles
AUTHOR(S): Jones, Raymond C. F.; Martin, Jason N.; Smith, Paul
CORPORATE SOURCE: Chemistry Department, Loughborough University, Loughborough, LE 11, 3TU, UK
SOURCE: Synlett (2000), (7), 967-970
CODEN: SYNLES; ISSN: 0936-5214
PUBLISHER: Georg Thieme Verlag

DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 133:266789
GI



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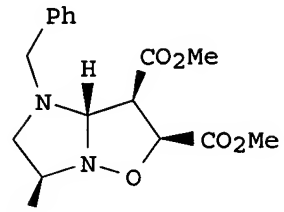

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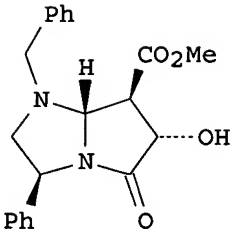

III

AB A chiral imidazolinium 3-oxide, nitrone I has been prepared I undergoes diastereoselective dipolar cycloaddn. with electron-deficient alkenes such as (Z)-RO2CCH:CHCO2R (R = Me, Et, Me2CH, Bu), N-Me and N-phenylmaleimides, 2,5-dihydro-2-furanone, and H2C:CR1R2 (R1 = R3O2C, R4SO2, NC; R2 = Me, MeO2CCH2CH2; R3 = Me, Et, H2C:CHCH2, Bu; R4 = Me, Et, Ph) to afford imidazo[1,2-b]isoxazoles such as II stereoselectively in 8-72% yields. E.g., a toluene solution of the dihydrochloride of I was treated with 2.1 equivalent of triethylamine and di-Me maleate and stirred for 18 h to give II in 64% yield. II undergoes N-O cleavage and cyclization in the presence of Raney nickel to give a pyrroloimidazolone derivative III in 66% yield.
REFERENCE COUNT: 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d ibib abs 21-40
YOU HAVE REQUESTED DATA FROM FILE 'USPATFULL' - CONTINUE? (Y)/N:n

=> d l8 ibib abs 21-56

L8 ANSWER 21 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1999:163616 CAPLUS
DOCUMENT NUMBER: 130:281798
TITLE: Efficient Method for Cleavage of Aziridines with Aromatic Amines
AUTHOR(S): Sekar, Govindasamy; Singh, Vinod K.
CORPORATE SOURCE: Department of Chemistry, Indian Institute of Technology, Kanpur, 208 016, India
SOURCE: Journal of Organic Chemistry (1999), 64(7), 2537-2539
CODEN: JOCEAH; ISSN: 0022-3263
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English

OTHER SOURCE(S): CASREACT 130:281798

AB N-substituted aziridines were cleaved by arom amines to give diamines selectively. Bicyclic aziridines were cleaved stereoselectively to give the trans-diamines. 2-Alkylaziridines were opened regioselectively with substitution at the less hindered C. 2-Phenylaziridines, on the other hand, were substituted at the benzylic C.

REFERENCE COUNT: 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 22 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1999:156359 CAPLUS

DOCUMENT NUMBER: 130:209726

TITLE: 7-Phenyl-1,4-diazepines as neurokinin receptor antagonists

INVENTOR(S): David, Samuel; Antel, Jochen; Bruckner, Reinhard; Ziegler, Dieter; Eeckout, Christian; Bielenberg, Gerhard-Wilhelm; Peck, Michael

PATENT ASSIGNEE(S): Solvay Pharmaceuticals G.m.b.H., Germany

SOURCE: Eur. Pat. Appl., 45 pp.
CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 899264	A1	19990303	EP 1998-115651	19980820
EP 899264	B1	20051123		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
DE 19737334	A1	19990304	DE 1997-19737334	19970827
ZA 9806719	A	19990202	ZA 1998-6719	19980728
HU 9801888	A2	19990528	HU 1998-1888	19980817
AT 310732	T	20051215	AT 1998-115651	19980820
JP 11116557	A	19990427	JP 1998-237129	19980824
NZ 331523	A	20000228	NZ 1998-331523	19980824
CA 2245926	A1	19990227	CA 1998-2245926	19980826
CA 2245926	C	20061212		
NO 9803919	A	19990301	NO 1998-3919	19980826
AU 9881900	A	19990311	AU 1998-81900	19980826
CN 1220262	A	19990623	CN 1998-118497	19980827
BR 9803250	A	20000208	BR 1998-3250	19980827
US 6040303	A	20000321	US 1998-141312	19980827

PRIORITY APPLN. INFO.: DE 1997-19737334 A 19970827

OTHER SOURCE(S): MARPAT 130:209726

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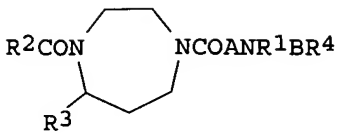

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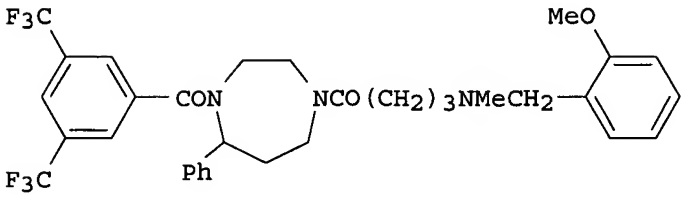


II

AB Title compds. I [R1 = H, alkyl; R2-R4 = (un)substituted Ph; A = (CH2)n, NH(CH2)m; n = 1-3; m = 2, 3; B = alkylene] were prepared Thus, the diazepine II was prepared from 4-aminobutyric acid, 2-methoxybenzaldehyde, and Et benzoylacetate in 6 steps. II had a Ki for in vitro binding to the NK-1 receptor of 0.012 μM/L.

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 23 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1999:126827 CAPLUS
DOCUMENT NUMBER: 130:191898
TITLE: Substance P inhibitors in combination with NMDA blockers for treating pain
INVENTOR(S): Caruso, Frank S.
PATENT ASSIGNEE(S): Algos Pharmaceutical Corporation, USA
SOURCE: PCT Int. Appl., 54 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9907413	A1	19990218	WO 1998-US10707	19980526
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9876960	A	19990301	AU 1998-76960	19980526
PRIORITY APPLN. INFO.:			US 1997-55233P P	19970811
			WO 1998-US10707 W	19980526

AB The analgesic effectiveness of a substance P receptor antagonist is significantly potentiated by administering a substance P receptor antagonist with a nontoxic NMDA receptor antagonist and/or a nontoxic substance that blocks at least one major intracellular consequence of NMDA receptor activation.

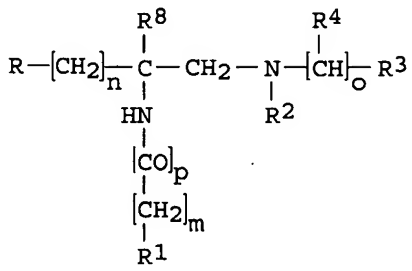
REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 24 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1999:64690 CAPLUS
DOCUMENT NUMBER: 130:139359
TITLE: Preparation of 3-(hetero)aryl-1,2-propanediamines as inhibitors of neutrophil mediated oxidant production
INVENTOR(S): Johnson, Douglas Webb; Morin, John Michael, Jr.; Sawyer, Jason Scott; Shuman, Robert Theodore
PATENT ASSIGNEE(S): Eli Lilly and Company, USA
SOURCE: PCT Int. Appl., 127 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9902163	A1	19990121	WO 1998-US14262	19980708
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2295697	A1	19990121	CA 1998-2295697	19980708
AU 9882976	A	19990208	AU 1998-82976	19980708
EP 994712	A1	20000426	EP 1998-933301	19980708
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, FI				
JP 2001509484	T	20010724	JP 2000-501754	19980708
US 6303610	B1	20011016	US 2000-462346	20000306
PRIORITY APPLN. INFO.:			US 1997-52117P P	19970710
			WO 1998-US14262 W	19980708

OTHER SOURCE(S): MARPAT 130:139359
GI



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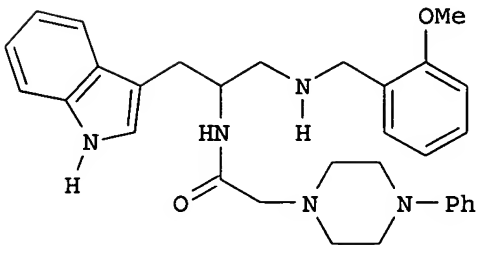


II

AB The title compds. [I; m = 0-1; n = 0-1; o = 0-2; p = 0-1; R = (un)substituted Ph, 2- or 3-indolinyl, etc.; R1 = trityl, Ph, PhO, etc.;

R2 = H, C1-4 alkyl, arylsulfonyl, etc.; R3 = H, C1-8 alkyl, naphthyl, etc.; R4 = H, C1-3 alkyl; R8 = H, C1-6 alkyl (with the proviso that if R1 = H, halo, R3 = Ph, naphthyl, C3-8 cycloalkyl, etc.)], useful for treating diseases and disorders associated with an excess of neutrophil mediated oxidant production, were prepared E.g., a multi-step synthesis of the title compound II, was given. Compds. I are effective at 1-15 mg/kg/day.

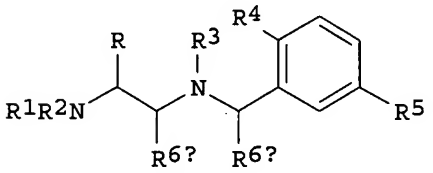
REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 25 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1999:30883 CAPLUS
DOCUMENT NUMBER: 130:52422
TITLE: Preparation of ethane-1,2-diamines as tachykinin antagonists
INVENTOR(S): Harrison, Timothy; Owens, Andrew Pate
PATENT ASSIGNEE(S): Merck Sharp and Dohme Ltd., UK
SOURCE: Brit. UK Pat. Appl., 35 pp.
CODEN: BAXXDU
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
GB 2321058	A	19980715	GB 1998-490	19980109
US 5922744	A	19990713	US 1998-6028	19980112
PRIORITY APPLN. INFO.:			GB 1997-555 A	19970113

OTHER SOURCE(S): MARPAT 130:52422
GI



I

AB The title compds. [I; R = (un)substituted Ph, benzhydryl; R1 = H, (CH2)pHet (wherein Het = (un)substituted 5-6 membered aromatic heterocyclic group containing 1-3 N atoms); R2 = H, C1-6 alkyl, (C1-4 alkoxy)C1-6 alkyl; R3 = H, C1-6 alkyl, C1-6 alkylcarbonyl; R4 = C1-6 alkyl, C1-6 alkoxy, C2-6 alkenyloxy, etc.; R5 = fluoroC1-6 alkoxy, (CH2)qHet1 (wherein Het1 = (un)substituted 5-6 membered aromatic heterocyclic group containing 1-4 heteroatoms chosen from N, O and S); R6a, R6b = H, C1-6 alkyl], useful as tachykinin antagonists, were prepared Thus, reaction of Nβ-[(benzyloxy)carbonyl](R,S)-β-amino-2-phenylethanamine with 2-methoxy-5-(tetrazol-1-yl)benzaldehyde in the presence of NaBH3(CN), mol. sieves and citric acid in MeOH followed by hydrogenation of the resulting intermediate over Pd(OH)2/C in EtOH afforded I [R = Ph; R1-R3 = H; R4 = MeO; R5 = tetrazol-1-yl; R6a, R6b = H] which showed IC50 of < 1 μM at the NP1 receptor.

L8 ANSWER 26 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1997:479851 CAPLUS
DOCUMENT NUMBER: 127:175995
TITLE: Nosylaziridines: activated aziridine electrophiles
AUTHOR(S): Maligres, Peter E.; See, Marjorie M.; Askin, David; Reider, Paul J.
CORPORATE SOURCE: Dep. Process Research, Merck Research Labs., Merck & Co., Inc., Rahway, NJ, 07065, USA

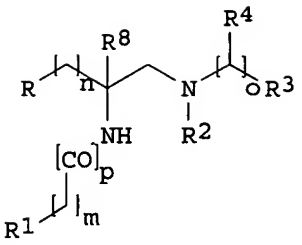
SOURCE: Tetrahedron Letters (1997), 38(30), 5253-5256
CODEN: TELEAY; ISSN: 0040-4039
PUBLISHER: Elsevier
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 127:175995
AB Nosylaziridines are highly reactive electrophiles towards a variety of nucleophiles yielding the corresponding SN2 adducts without competing attack on the nosyl functionality (SNAr). The resulting primary nosylamide adducts can be readily cleaved under mild conditions to provide the primary amines.
REFERENCE COUNT: 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 27 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1997:299224 CAPLUS
DOCUMENT NUMBER: 126:277498
TITLE: Preparation of 2-piperazino(or piperidino)acetylaminopropanamines as growth hormone secretagogues
INVENTOR(S): Dodge, Jeffrey Alan; Hipskind, Philip Arthur
PATENT ASSIGNEE(S): Eli Lilly and Co., USA
SOURCE: Eur. Pat. Appl., 107 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 761219	A1	19970312	EP 1996-305917	19960814
R: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
CA 2203424	A1	19970227	CA 1996-2203424	19960814
WO 9707117	A1	19970227	WO 1996-US13193	19960814
W: AL, AM, AU, AZ, BB, BG, BR, BY, CA, CN, CU, CZ, EE, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, RO, RU, SD, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: KE, LS, MW, SD, SZ, UG, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9667244	A	19970312	AU 1996-67244	19960814
ZA 9606891	A	19980216	ZA 1996-6891	19960814

PRIORITY APPLN. INFO.: US 1995-2581P P 19950821
WO 1996-US13193 W 19960814

OTHER SOURCE(S): MARPAT 126:277498
GI



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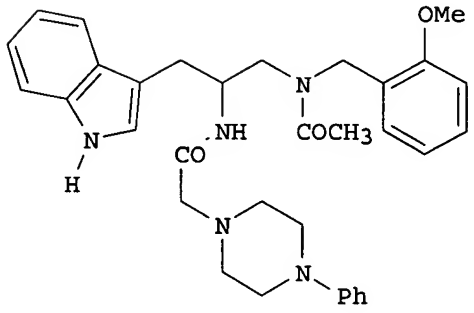

II

AB The title compds. [I; m, n, p = 0-1; o = 0-2; R = Ph, 2-indolyl, benzothienyl, etc.; R1 = Ph3C, Ph, Ph2CH, etc.; R2 = H, C1-4 alkyl, arylsulfonyl, etc.; R3 = Ph, naphthyl, C1-8 alkyl, etc.; R4 = H, C1-3 alkyl; R8 = H, C1-6 alkyl], useful in treating a physiol. condition which may be modulated by an increase in growth hormone, were prepared and formulated. Thus, treatment of 2-[(4-phenyl)piperazin-1-yl]acetic acid sodium salt with Et3N.HBr and carbonyldiimidazole in DMF followed by addition of 2-amino-3-(1H-indol-3-yl)-1-[N-(2-methoxybenzyl)amino]propane in DMF afforded the title compound II. Compds. I are effective at 1-15 mg/kg/day. This invention also provides methods for the treatment of such physiol. conditions which comprise administering a growth hormone secretagogue as described in the present invention in combination with growth hormone releasing hormone.

L8 ANSWER 28 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1996:380219 CAPLUS
DOCUMENT NUMBER: 125:114281
TITLE: Acyclic ethylenediamine derivatives
INVENTOR(S): O'neill, Brian T.
PATENT ASSIGNEE(S): Pfizer Inc., USA
SOURCE: U.S., 16 pp., Cont.-in-part of U.S. Ser. No. 790,934, abandoned.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5521220	A	19960528	US 1994-240657	19940720
WO 9310073	A1	19930527	WO 1992-US7730	19920918
W: AU, CA, FI, HU, JP, KR, NO, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE				
CA 2324959	C	20021112	CA 1992-2324959	19920918
PRIORITY APPLN. INFO.:			US 1991-790934 B2	19911112
			WO 1992-US7730 W	19920918
			CA 1992-2123403 A3	19920918

OTHER SOURCE(S): MARPAT 125:114281

AB PhCH(NHR1)CH2NHCH2R2 (I; R1 = alkyl, cycloalkyl; R2 = aryl) and their salts were prepared for treatment of inflammatory and central nervous system disorders. Thus, α-(cyclohexylamino)benzeneacetonitrile, which was prepared from BzH, cyclohexylamine, and KCN, was reduced with diisobutylaluminum hydride to give N-cyclohexyl-1-phenyl-1,2-ethanediamine, which reacted with o-anisaldehyde and Na triacetoxyborohydride to give I (R1 = cyclohexyl, R2 = 2-methoxyphenyl). The dihydrochloride of this product was also described.

L8 ANSWER 29 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1996:284405 CAPLUS

DOCUMENT NUMBER: 124:343300

TITLE: Preparation of imidazoline derivatives as tachykinin receptor antagonists

INVENTOR(S): Hipskind, Philip Arthur; Howbert, James Jeffry; Muehl, Brian Stephen

PATENT ASSIGNEE(S): Eli Lilly and Co., USA

SOURCE: Can. Pat. Appl., 61 pp.
CODEN: CPXXEB

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CA 2151113	A1	19951211	CA 1995-2151113	19950606
US 6175013	B1	20010116	US 1994-257966	19940610
EP 699665	A1	19960306	EP 1995-303820	19950605
EP 699665	B1	20030305		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
AT 233737	T	20030315	AT 1995-303820	19950605
PT 699665	T	20030630	PT 1995-303820	19950605
ES 2193171	T3	20031101	ES 1995-303820	19950605
JP 07330736	A	19951219	JP 1995-141893	19950608

PRIORITY APPLN. INFO.: US 1994-257966 A 19940610

OTHER SOURCE(S): MARPAT 124:343300

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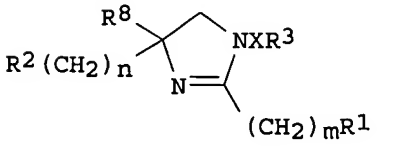

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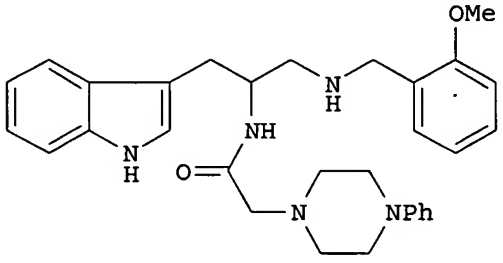

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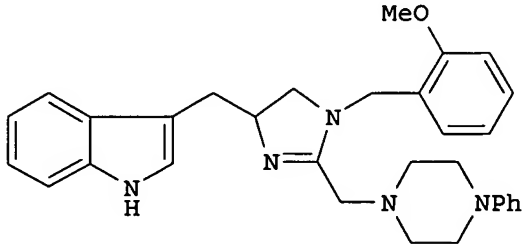

III

AB The invention provides novel substituted 2-imidazolines I [X = (CHR4)p(CHR6)q; m, n, p, q = 0, 1; R1 = H, (un)substituted trityl, Ph, Ph2CH, PhO, PhS, piperazinyl, piperidinyl, indolyl, amino, leaving group, NHCH2R5, etc.; R2 = (un)substituted Ph, 2- or 3-indolyl or -indolinyl, benzothienyl, benzofuranyl, naphthyl; R3 = (un)substituted Ph, phenylalkylidene, cycloalkyl, alkyl, H, alkenyl, cycloalkenyl; R4, R6 = H, alkyl; R5 = pyridyl, anilinoalkylidenyl, anilinocarbonyl] and their salts and solvates. The compds. are useful in the treatment or prevention of a variety of physiol. disorders associated with an excess of tachykinins. For example, Boc-Trp-OH was converted in 4 steps to intermediate II, which was cyclized in 83% yield in refluxing 1,2-Cl2C6H4 to give title compound III. In NK-1 and NK-2 receptor binding assays, III had IC50 values of 0.12 and 0.47 μM, resp.

L8 ANSWER 30 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1996:154155 CAPLUS
DOCUMENT NUMBER: 124:289351
TITLE: Cycloaddition of homochiral imidazolinium ylides: a route to optically active pyrroloimidazoles
AUTHOR(S): Jones, Raymond C. F.; Howard, Kevin J.; Snaith, John S.
CORPORATE SOURCE: Dep. Chem., Univ. Nottingham, Nottingham, NG7 2RD, UK
SOURCE: Tetrahedron Letters (1996), 37(10), 1707-10
CODEN: TELEAY; ISSN: 0040-4039
PUBLISHER: Elsevier
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 124:289351
AB Either enantiomer of 1-benzyl-4-phenyl-2-imidazoline was prepared from phenylglycine. 'One-pot' generation and enantioselective 1,3-dipolar cycloaddn. of homochiral azomethine ylides prepared from these imidazolines with a range of alkene dipolarophiles affords optically active hexahydropyrroloimidazole adducts.

L8 ANSWER 31 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1995:931241 CAPLUS
DOCUMENT NUMBER: 123:339728
TITLE: Non-peptide tachykinin receptor antagonists
INVENTOR(S): Cho, Sung-Yong Stephen; Crowell, Thomas Alan; Gitter, Bruce Donald; Hipskind, Philip Arthur; Howbert, James Jeffry; Krushinski, Joseph Herman, Jr.; Lobb, Karen Lynn; Muehl, Brian Stephen; Nixon, James Arthur
PATENT ASSIGNEE(S): Eli Lilly and Co., USA
SOURCE: PCT Int. Appl., 152 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9514017	A1	19950526	WO 1994-US13222	19941116
W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, GE, HU, JP, KE, KG, KP, KR, KZ, LK, LT, LU, LV, MD, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SI, SK, TJ, TT, UA, UZ, VN				
RW: KE, MW, SD, SZ, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
US 6403577	B1	20020611	US 1993-153847	19931117
ZA 9408926	A	19960510	ZA 1994-8926	19941110
CA 2176735	A1	19950526	CA 1994-2176735	19941116
AU 9510988	A	19950606	AU 1995-10988	19941116

EP 729468	A1	19960904	EP 1995-901928		19941116
EP 729468	B1	20030115			
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE					
CN 1141043	A	19970122	CN 1994-194790		19941116
CN 1078889	B	20020206			
JP 09505304	T	19970527	JP 1995-514583		19941116
JP 3657982	B2	20050608			
HU 76269	A2	19970728	HU 1996-1304		19941116
BR 9408063	A	19990824	BR 1994-8063		19941116
RU 2140921	C1	19991110	RU 1996-113087		19941116
TW 412512	B	20001121	TW 1994-83110634		19941116
PL 180150	B1	20001229	PL 1994-331233		19941116
AT 231145	T	20030215	AT 1995-901928		19941116
PT 729468	T	20030430	PT 1995-901928		19941116
RO 118372	B1	20030530	RO 1996-995		19941116
ES 2189824	T3	20030716	ES 1995-901928		19941116
IN 1995CA00052	A	20050304	IN 1995-CA52		19950119
US 5670499	A	19970923	US 1995-462415		19950605
US 5684033	A	19971104	US 1995-463874		19950605
US 6727255	B1	20040427	US 1995-463951		19950605
FI 9602074	A	19960515	FI 1996-2074		19960515
NO 9602012	A	19960708	NO 1996-2012		19960515
AU 9897255	A	19990225	AU 1998-97255		19981221
AU 721935	B2	20000720			
US 6869957	B1	20050322	US 2003-668565		20030923
PRIORITY APPLN. INFO.:			US 1993-153847	A	19931117
			AU 1995-10988	A3	19941116
			WO 1994-US13222	W	19941116
			US 1995-463951	A1	19950605

OTHER SOURCE(S): CASREACT 123:339728; MARPAT 123:339728

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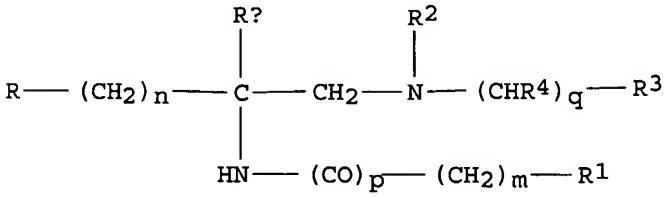

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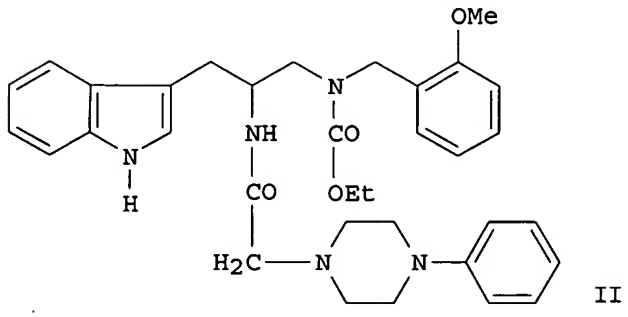

II

AB The invention provides a novel series of non-peptide compds. I [m, n, p = 0, 1; q = 0, 1, 2; R = (un)substituted Ph, 2- or 3-indolyl or -indolinyl, benzothienyl, benzofuranyl, or naphthyl; R1 = (un)substituted trityl, Ph, PhO, PhS, piperazinyl, piperidinyl, pyrrolidinyl, morpholinyl, indolyl, amino, H, leaving group, etc.; R2 = H, alkyl, arylsulfonyl, alkylsulfonyl, carboxyalkyl, alkoxycarbonylalkyl, acyl; R3 = H, (un)substituted Ph, phenylalkyl, (cyclo)alk(en)yl, naphthyl; R4 = H, alkyl; R3 ≠ H or

alk(en)yl if R1 = H or halo] and their salts and solvates. The compds. are useful in the treatment or prevention of physiol. disorders associated with excess tachykinins. This invention also provides methods of treatment and pharmaceutical formulations employing I. Over 170 examples were prepared and tested for biol. activity, and 11 formulations are described. For instance, activation of N-(tert-butoxycarbonyl)tryptophan with carbonyldiimidazole (CDI) and reaction with 2-MeOC6H4CH2NH2 gave 80.8% of the corresponding 2-methoxybenzylamide, which was deprotected (94.2%), reduced at the amide carbonyl with BH3.SMe2, coupled with Na 2-(4-phenylpiperazin-1-yl)acetic acid using CDI, and N-acylated with ClCO2Et and Et3N, to give title compound II. This compound had IC50 values of 1.7 and 1000 nM for binding to human NK-1 and NK-2 receptors, resp., in cultured cell assays.

L8 ANSWER 32 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1995:746676 CAPLUS
DOCUMENT NUMBER: 123:163933
TITLE: Model Studies of Topaquinone-Dependent Amine Oxidases. 2. Characterization of Reaction Intermediates and Mechanism
AUTHOR(S): Mure, Minae; Klinman, Judith P.
CORPORATE SOURCE: Department of Chemistry, University of California, Berkeley, CA, 94720, USA
SOURCE: Journal of the American Chemical Society (1995), 117(34), 8707-18
CODEN: JACSAT; ISSN: 0002-7863
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 123:163933

AB The reaction of 2-hydroxy-5-tert-butyl-1,4-benzoquinone (1a) and benzylamine in acetonitrile was studied under anaerobic conditions. Addition of benzylamine to the quinone 1a solution generates the anionic form of the quinone (λmax at 492 nm), followed by the formation of the product Schiff base 11 with λmax at 368 nm and the aminoresorcinol 13 with λmax at 304 nm. The rapid dissociation of the 2-hydroxyl proton was confirmed by the isolation of the amine salt 5a in the reaction of tert-butylamine and 1a. The substrate Schiff base 6a was not spectrally detected due to its lower extinction coefficient and rapid conversion to the product Schiff base 11. However, when α-methylbenzylamine was employed as a substrate, the formation of the substrate Schiff base 7 was detected by 1H NMR and UV-vis spectroscopy. Cyclohexylamine, n-propylamine, and ammonia also gave the substrate Schiff bases 8, 9, and 10, resp. Both the steric bulk and the acidity of the C1 proton of the substrate are found to be factors controlling the further reaction (C1 proton abstraction). Detailed structural anal. of the substrate Schiff base was performed on 8 by 2D NMR spectroscopy, showing that 8 is in its amine salt form and has undergone nucleophilic addition at C1, the carbonyl carbon next to the 2-hydroxyl group. UV-vis spectroscopy revealed that 8 is not a solvent-separated ion pair (λmax at 454 nm) but an intimate ion pair (λmax at 352 nm) in CH3CN. The latter λmax value is very similar to λmax observed for the Schiff base complex seen in bovine serum amine oxidase and different from a Schiff base complex with 4-methoxy-5-tert-butyl-1,2-benzoquinone 14. The product Schiff base 11 was prepared by the reaction of the hydrochloride salt of the aminoresorcinol 13 and benzaldehyde. It has an ε value 10 times larger than that of the substrate Schiff base (7, 8, or 9) at 368 nm. Treatment of 11 with benzylamine yielded the quant. formation of the aminoresorcinol 13 and the product, N-benzylidenebenzylamine (PhCH:NCH2Ph). Comparison of these results to catalytic properties of the copper amine oxidases provides support for an aminotransferase mechanism from a Schiff base of topa in a localized p-quinone form (B in Scheme 1).

L8 ANSWER 33 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1995:746675 CAPLUS
DOCUMENT NUMBER: 123:163932
TITLE: Model Studies of Topaquinone-Dependent Amine Oxidases. 1. Oxidation of Benzylamine by Topaquinone Analogs
AUTHOR(S): Mure, Minae; Klinman, Judith P.
CORPORATE SOURCE: Department of Chemistry, University of California, Berkeley, CA, 94720, USA
SOURCE: Journal of the American Chemical Society (1995), 117(34), 8698-706
CODEN: JACSAT; ISSN: 0002-7863
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 123:163932

AB The aerobic oxidation of benzylamine by model compds. of topaquinone, the active site organic cofactor in copper-containing amine oxidases, was studied in order to elucidate the chemical function of the cofactor in substrate oxidation In this study, topaquinone hydantoin and a series of 2-hydroxy-5-alkyl-1,4-benzoquinones which differ in the bulk of their alkyl substituent were employed as model compds. of the cofactor. The p-quinones and the o-quinones were prepared in order to compare them to the topaquinone analogs. Benzylamine was oxidized by the topaquinone analogs to yield N-benzylidenebenzylamine (PhCH:NCH2Ph) as a sole product in acetonitrile at room temperature The quinones bearing a bulky substituent were found to be more efficient catalysts than those bearing a small primary alkyl group. In the latter case, the dimers of the substrate Schiff base intermediates were isolated. The p-quinones were catalytically inactive. The o-quinones had detectable catalytic activity at room temperature In anaerobic reactions of the o-quinones with benzylamine, quant. formation of the product (PhCH:NCH2Ph) was observed For both o-quinones, products and intermediates which support a transamination mechanism were identified by 1H NMR spectroscopy. The order of reactivity of quinones reflects their redox potentials, such that regeneration of quinone may be rate-determining with o-quinones. These results demonstrate a substantial role of the 2-hydroxyl group of the topaquinone in preventing the formation of Michael adducts with substrate amine and in facilitating the reoxidn. of aminoresorcinol intermediates.

L8 ANSWER 34 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1995:66108 CAPLUS
DOCUMENT NUMBER: 122:70508
TITLE: Synthesis and characterization of N,N'-bis(2-hydroxybenzylidene)-2-hydroxyphenylmethanediamine and N,N'-bis-(2-hydroxybenzyl)-2-hydroxyphenylmethanediamine complexes with transition metals
AUTHOR(S): Wang, Yong-Wei; Zhang, Hua-Lin
CORPORATE SOURCE: Shanghai Inst. Mater. Med., Acad. Sinica, Shanghai, 200031, Peop. Rep. China
SOURCE: Gaodeng Xuexiao Huaxue Xuebao (1994), 15(6), 794-8
CODEN: KTHPDM; ISSN: 0251-0790
DOCUMENT TYPE: Journal
LANGUAGE: Chinese

AB Binuclear and trinuclear complexes of a Schiff base ligand, N,N'-bis(2-hydroxybenzylidene)-2-hydroxyphenylmethanediamine (SB), with divalent transition metals Ni, Cu and Zn, were synthesized in THF. Also, the hydrogenated product of the Schiff base ligand (HSB) and its Cu complex were prepared in EtOH. These complexes were characterized by elemental anal., TGA, molar conductance, and UV and IR spectra. Cu3(SB)2·1.5THF is a trinuclear complex with tetrahedral Cu1, Cu2 and square-pyramidal Cu3 coordination configurations. Ni2(SB)(OAc)2·THF and Zn2(SB)(OAc)2·THF are binuclear

complexes, each metal ion is coordinated in a square-pyramidal configuration by 1N, 1O of SB, two carboxylate O of acetate and O of THF. Binuclear Cu2(HSB)(OAc)2 is similar to Zn(Ni)-SB complexes, but metal ions are coordinated in a square-planar configuration. The metal ions in these polynuclear complexes are bridged by ligand SB or HSB.

L8 ANSWER 35 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1994:323211 CAPLUS
DOCUMENT NUMBER: 120:323211
TITLE: A new route to homochiral piperidines
AUTHOR(S): Jones, Raymond C. F.; Turner, Ian; Howard, Kevin J.
CORPORATE SOURCE: Chem. Dep., Nottingham Univ., Nottingham, NG7 2RD, UK
SOURCE: Tetrahedron Letters (1993), 34(39), 6329-32
CODEN: TELEAY; ISSN: 0040-4039
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 120:323211
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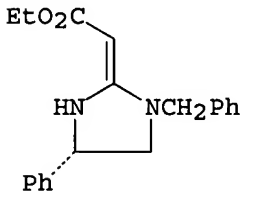

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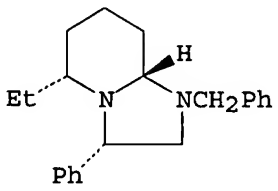

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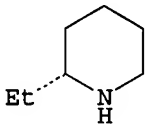

III

AB The preparation of an enantiomeric pair of enaminoesters from phenylglycine is described. Conjugate addition to α,β-enones, reductive cyclization-fragmentation to octahydroimidazopyridines and further reduction to remove the auxiliary atoms, completes a new route to homochiral piperidines in which the enaminoesters function as homochiral ethanal enamines. Cycloaddn. of Et (S)-(1-benzyl-4-phenylpyrrolidin-2-ylidene)acetate (I) [prepared from (S)-phenylglycine] with 1-penten-3-one gave the octahydroimidazopyridine II as a single stereoisomer. Reduction of II and removal of the chiral auxiliary gave (R)-2-ethylpiperidine.

L8 ANSWER 36 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1994:217547 CAPLUS
DOCUMENT NUMBER: 120:217547
TITLE: 1,3-Dipolar cycloadditions of 4,5-dihydroimidazolium ylides: new protocols for the synthesis of pyrrolidines and pyrrolo[1,2-a]pyrazines
AUTHOR(S): Jones, Raymond C. F.; Howard, Kevin J.
CORPORATE SOURCE: Chem. Dep., Nottingham Univ., Nottingham, NG7 2RD, UK
SOURCE: Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999) (1993), (20), 2391-3
CODEN: JCPRB4; ISSN: 0300-922X
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 120:217547
AB 1,3-Dipolar cycloaddns. of 4,5-dihydroimidazolium ylides formed from 1-benzyl-4,5-dihydroimidazole proceed via a convenient one-step, one-pot protocol to give hexahydropyrrolo[1,2-a]imidazole esters, reduction of which leads to either hexahydropyrrolo[1,2-a]pyrazines or N-substituted pyrrolidines depending on the nature of the ester.

L8 ANSWER 37 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1993:670782 CAPLUS
DOCUMENT NUMBER: 119:270782

TITLE: Preparation of acyclic ethylenediamine derivatives as substance P receptor antagonists

INVENTOR(S): O'Neill, Brian T.

PATENT ASSIGNEE(S): Pfizer Inc., USA

SOURCE: PCT Int. Appl., 64 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9310073	A1	19930527	WO 1992-US7730	19920918
W: AU, CA, FI, HU, JP, KR, NO, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE				
AU 9226813	A	19930615	AU 1992-26813	19920918
EP 613458	A1	19940907	EP 1992-921029	19920918
EP 613458	B1	19980107		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, SE				
JP 06510792	T	19941201	JP 1992-509229	19920918
JP 2614408	B2	19970528		
HU 70741	A2	19951030	HU 1994-1337	19920918
AT 161821	T	19980115	AT 1992-921029	19920918
ES 2111650	T3	19980316	ES 1992-921029	19920918
CA 2123403	C	20020205	CA 1992-2123403	19920918
CA 2324959	C	20021112	CA 1992-2324959	19920918
ZA 9208682	A	19940511	ZA 1992-8682	19921111
FI 9402187	A	19940511	FI 1994-2187	19940511
NO 9401784	A	19940511	NO 1994-1784	19940511
US 5521220	A	19960528	US 1994-240657	19940720
FI 2001000083	A	20010115	FI 2001-83	20010115

PRIORITY APPLN. INFO.:
US 1991-790934 A2 19911112
CA 1992-2123403 A3 19920918
WO 1992-US7730 A 19920918

OTHER SOURCE(S): CASREACT 119:270782; MARPAT 119:270782

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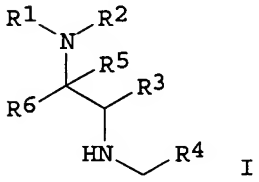


I

AB Title compds. [I; R1 = H, C1-8 alkyl, C6-10 carbocyclic two-fused-ring system or a bridged two ring system, benzyl, substituted benzyl; R2 = H, benzyl, R(CH2)m (m = 0-12), the chain may contain C=C or C.tplbond.C bonds and may be substituted; R1R2N = C3-8 saturated or unsatd. heterocycle, or a fused or bridged heterocyclic system; R3 = H, C3-8 cycloalkyl, C1-6 (un)branched alkyl, (un)substituted Ph, or fluoroalkylphenyl or fluoroalkoxy; R4, R5 = aryl (e.g., Ph, naphthyl, or heteroaryl; R5 = H, alkyl, Ph, or alkyl- or alkoxyphenyl which may be fluorinated in the side chain; R6 = H, (un)branched alkyl, cycloalkyl, aryl, heteroaryl], useful as substance P receptor antagonists (no data), are prepared Thus, aqueous NaHSO3 was treated with PHCHO-MeOH and then cyclohexylamine and KCN to give 79.6% α-cyclohexylaminobenzeneacetonitrile which was reduced by DIBAL in PhMe to give 74% 1-N-cyclohexyl-1-phenyl-1,2-ethanediamine. This

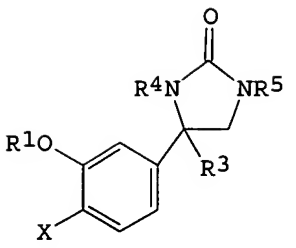
diamine in HOAc containing 3 Å mol. sieves was treated with anisaldehyde and Na(AcO)3BH to give 41% 1-N-cyclohexyl-1-phenyl-2-N'[(2-methoxyphenyl)methyl]-1,2-ethanediamine.

L8 ANSWER 38 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1993:101592 CAPLUS
DOCUMENT NUMBER: 118:101592
TITLE: Antiinflammatory phospholipase-A2 inhibitors. II. Design, synthesis and structure-activity relationship.
AUTHOR(S): Wilkerson, W.; DeLucca, I.; Galbraith, W.; Kerr, J.
CORPORATE SOURCE: DuPont Merck Pharm. Co., Wilmington, DE, 19880-0353, USA
SOURCE: European Journal of Medicinal Chemistry (1992), 27(6), 595-610
CODEN: EJMCA5; ISSN: 0223-5234
DOCUMENT TYPE: Journal
LANGUAGE: English
AB The design and synthesis of a novel series, RX(CH2)nC(Y)R1 (R = dodecyl, undecyl, tridecyl, hexyl, heptyl, octyl, 1-, 2-naphthylethyl, 4-MeC6H4, 4-pyridyl, dehydroabietyl, etc.; X = NH, NEt, S, CH2, n = 2, 3, Y = H,OH, H,NH, O, MeON, R1 = H, Me, hexyl, 4-FC6H4, 4-MeOC6H4, 4-MeSC6H4, etc), of phospholipase-A2 (PLA2) inhibitors with antiinflammatory activity was based on a systematic structure-activity relationship anal.

L8 ANSWER 39 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1992:634012 CAPLUS
DOCUMENT NUMBER: 117:234012
TITLE: Preparation of arylimidazolidinones as tumor necrosis factor biosynthesis inhibitors and cyclic nucleotide phosphodiesterase IV inhibitors
INVENTOR(S): Bender, Paul Elliot; Christensen, Siegfried Benjamin
PATENT ASSIGNEE(S): Smithkline Beecham Corp., USA
SOURCE: PCT Int. Appl., 65 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9207567	A1	19920514	WO 1991-US8229	19911105
W: AU, CA, JP, KR, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE				
AU 9190306	A	19920526	AU 1991-90306	19911105
ZA 9108764	A	19921028	ZA 1991-8764	19911105
EP 557408	A1	19930901	EP 1992-900087	19911105
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
JP 06501708	T	19940224	JP 1992-500935	19911105
PRIORITY APPLN. INFO.:			US 1990-609981 A2	19901106
			US 1990-609990 A2	19901106
			WO 1991-US8229 A	19911105

OTHER SOURCE(S): MARPAT 117:234012
GI



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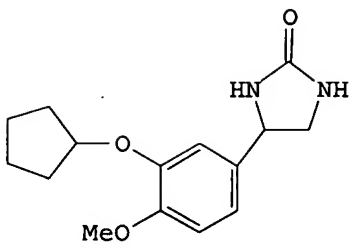

II

AB Title compds. [I; R1 = (halo-substituted) (CR9R10)n(CO2)r(CR9R10)mR8, (CR9R10)n(CONR6)r (CR9R10)mR8, (CR9R10)nOs(CR9R10)m R8; m = 0-2; n = 0-4; r,s = 0,1; R9, R10 = H, alkyl; R8 = H, Me, OH (substituted) tetrahydrofuryl, tetrahydropyranyl, cycloalkyl, cycloalkenyl etc.; R2 = (halo)methyl, (halo)ethyl; R3 = H, Me, cyano, FCH2, F2CH, CF3; R4 = H, alkyl, OH, OMe, OEt, OAc; R5 = H, OH, (substituted) alkyl, Ar(CH2)q; Ar = pyridyl, pyrimidyl, imidazolyl, pyrazolyl, morpholino, thiazolyl, triazolyl, thienyl, Ph; q = 0-2; X = YR2, halo, NO2, (formyl)amino; Y = O, S, SO, SO2] were prepared Thus, 3-cyclopentyloxy-4-methoxybenzaldehyde, Me3SiCN, and ZnI2 were stirred 30 min; NH3/MeOH was added and the mixture was stirred at 40° for 3 h in a sealed vessel to give, after treatment with HCl, 92% 2-amino-2-(3-cyclopentyloxy-4-methoxyphenyl)acetonitrile hydrochloride. The latter was N-acylated with EtO2CCl (93%) and the product was hydrogenated in aqueous NH3 over Raney Ni to give 100% 2-ethoxycarbonylamino-2-(3-cyclopentyloxy-4-methoxyphenyl)ethylamine. The latter was refluxed with EtOH/aqueous NaOH to give 48% title compound II. II inhibited tumor necrosis factor production by human monocytes with IC50 = 0.2 μM. I inhibited cyclic nucleotide phosphodiesterase IV in U-937 cells with EC50 = 0.3 to >10 μm.

L8 ANSWER 40 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1992:206542 CAPLUS
DOCUMENT NUMBER: 116:206542
TITLE: Spectra of aromatic Schiff bases and secondary amines structure of their copper(II) complexes
AUTHOR(S): Csaszar, Jozsef; Bizony, Maria N.
CORPORATE SOURCE: Fiz. Kem. Tansz., Jozef Attila Tudomanyegy., Szeged, 6701, Hung.
SOURCE: Magyar Kemiai Folyoirat (1991), 97(10), 411-17
CODEN: MGKFA3; ISSN: 0025-0155
DOCUMENT TYPE: Journal
LANGUAGE: Hungarian
AB Cu(II) complexes are reported with 16 Schiff bases containing phenolic O atoms and with secondary amines obtained by NaBH4 reduction of them (24 complexes). Structures of the chelate mols. are determined from spectral and magnetic data.

L8 ANSWER 41 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1991:631893 CAPLUS
DOCUMENT NUMBER: 115:231893
TITLE: Preparation of amide and urea derivatives aCAT inhibitors as anticholesteremics
INVENTOR(S): O'Brien, Patrick Michael; Sliskovic, Drago R.
PATENT ASSIGNEE(S): Warner-Lambert Co., USA
SOURCE: Can. Pat. Appl., 78 pp.
CODEN: CPXXEB
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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CA 2029338	A1	19910507	CA 1990-2029338		19901105
AU 9065780	A	19910509	AU 1990-65780		19901102
NO 9004801	A	19910507	NO 1990-4801		19901105
EP 432442	A1	19910619	EP 1990-121140		19901105
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE					
JP 03246257	A	19911101	JP 1990-297374		19901105
ZA 9008851	A	19920729	ZA 1990-8851		19901105
CN 1051553	A	19910522	CN 1990-108903		19901106
PRIORITY APPLN. INFO.:			US 1989-433079	A	19891106
			US 1990-584565	A	19900918

OTHER SOURCE(S): MARPAT 115:231893
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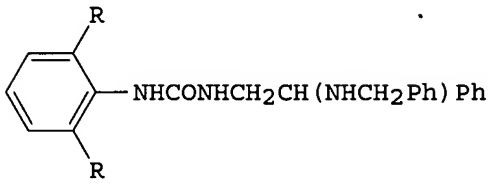


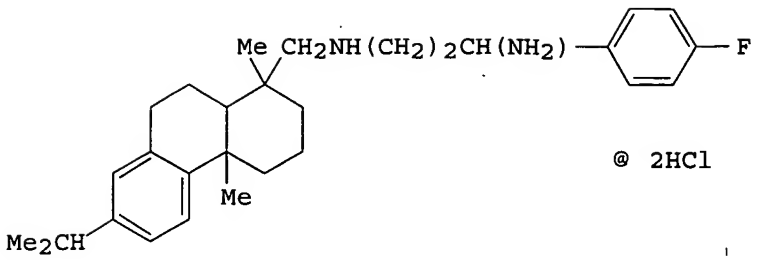
II

AB Title compds. YNH(CH2)mCHAr(CH2)nNWZ [I; Ar = (substituted) Ph, -naphthyl, 5-6-membered monocyclic or fused heterocyclyl containing 1-4 N, O, S at least in 1 ring; Y, Z = H, (substituted) PhNCO, -PhNCS, -naphthylamino(thio)carbonyl, -pyrimidinylamino(thio)carbonyl, hydrocarbylcarbonyl, hydrocarbylmethyl, etc.; W = H, C1-20 saturated hydrocarbyl having 1-3 double bonds, C'1-20 hydrocarbyl in which the terminal C is substituted, (substituted) Ph, etc.; m, n ≠ 0 at the same time] or a salt or N-oxide thereof, ACAT (acyl-CoA: cholesterol transferase) inhibitors, are prepared I are useful as anticholesteremics. (±)-N-[2-[[[[2,6-Bis(1-ethylmethyl)phenyl]amino]carbonyl]amino]-1-phenylethyl]benzenecarboxamide (preparation given) and MePh were slurried under N and Na bis(2-methoxyethoxy)aluminum hydride was added, the solution refluxed, then cooled to give the title urea (±)-II where R = iso-Pr. (±)-II inhibited ACAT with an IC50 of 0.051 μM.

L8 ANSWER 42 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1991:631843 CAPLUS
DOCUMENT NUMBER: 115:231843
TITLE: Preparation of benzylamine antiinflammatory PLA inhibitors
INVENTOR(S): Wilkerson, Wendell W.
PATENT ASSIGNEE(S): Du Pont Merck Pharmaceutical Co., USA
SOURCE: U.S., 31 pp. Cont.-in-part of U.S. Ser. No. 126,616, abandoned.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
US 5039706	A	19910813	US 1989-386925		19890728
PRIORITY APPLN. INFO.:			US 1987-126616	B2	19871130

OTHER SOURCE(S): MARPAT 115:231843
GI

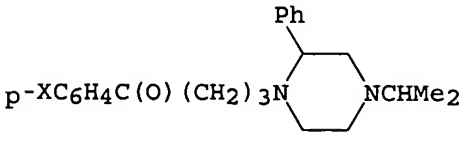


II

AB Title compds. RNH(CH2)nCH(NH2)Ar [I; Ar = (substituted) Ph; R = C7-25 alkyl, Ar, (substituted) mono- or polycyclic aromatic, benzhydryl, (substituted) C7-25 alkaryl; n = 1-5], PLA2 (phospholipase A2) inhibitors, are prepared 4-FC6H4COCH2CH2Cl in THF was treated with Et3N and stirred at room temperature for 1 h; the Et3N.HCl was removed and dehydroabietylamine and 4-MeC6H4SO3H in THF were added to give the (phenanthrenylmethylamino)propa none derivative which was oximated with MeONH2.HCl followed by reduction with BH3.THF to give title compound II. In tests in mice, II at 100 mg/ear inhibited tetradecanoyl phorbol acetate-induced swelling 89%. Pharmaceutical formulations comprising I are given.

L8 ANSWER 43 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1991:513983 CAPLUS
DOCUMENT NUMBER: 115:113983
TITLE: An improved procedure for the preparation of β-nitroethylamines
AUTHOR(S): Barco, Achille; Benetti, Simonetta; Pollini, Gian Piero; Spalluto, Giampiero
CORPORATE SOURCE: Dip. Chim., Univ. Ferrara, Ferrara, I-44100, Italy
SOURCE: Synthesis (1991), (6), 479-80
CODEN: SYNTBF; ISSN: 0039-7881
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 115:113983
AB Nitroethylene and α-nitrostyrene, generated in situ from 2-benzoyloxy-1-nitroethane and 2-benzoyloxy-1-nitro-1-phenylethane, resp., reacted with aliphatic amines to give the corresponding Michael adducts in near quant. yield.

L8 ANSWER 44 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1990:434210 CAPLUS
DOCUMENT NUMBER: 113:34210
TITLE: Determination of water in hydrated substitutes of butyrophenone using gas chromatography
AUTHOR(S): Markowski, Wojciech; Tkaczynski, Tadeusz; Winiarski, Zdzislaw
CORPORATE SOURCE: Dep. Inorg. Anal. Chem., Med. Acad., Lublin, 20081, Pol.
SOURCE: Chemia Analityczna (Warsaw, Poland) (1988), 33(5), 815-17
CODEN: CANWAJ; ISSN: 0009-2223
DOCUMENT TYPE: Journal
LANGUAGE: Polish
GI



I

AB Gas chromatog. with thermal conductivity detector and column filled with Porapak
Q was used to determine .H2O in p-XC6H4C(O)(CH2)3NHCH2CHPhNHMe.2H2C2O4.2H2O (X = H, F, Cl, Br) and I.2H2C2O4.2H2O (X = H, F, Cl). DMSO was used to dissolve the salt. The H2O retention peak did not change during the anal. (100 spikes).

L8 ANSWER 45 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1986:224681 CAPLUS
DOCUMENT NUMBER: 104:224681
TITLE: N,N'-Dialkyl derivatives of 1-phenyl-1,2-diaminoethane
INVENTOR(S): Kotelko, Barbara; Glinka, Ryszard; Krakowiak, Krzysztof
PATENT ASSIGNEE(S): Akademia Medyczna, Lodz, Pol.
SOURCE: Pol., 3 pp.
CODEN: POXXA7
DOCUMENT TYPE: Patent
LANGUAGE: Polish
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PL 125233	B1	19830430	PL 1979-220104	19791203

PRIORITY APPLN. INFO.: PL 1979-220104 19791203
AB RNHCHPhCH2NHR (I; R = Et, Pr, Me2CH, Bu, PhCH2, Ph) are prepared by reaction of PhCHBrCH2Br (II) with RNH2. The products have sympathomimetic (especially antihypertensive) effects (no data). Thus, a mixture of II 39.4, water 9, and benzylamine 78.97 weight parts was boiled 10 h and worked up to give 28% I (R = PhCH2).

L8 ANSWER 46 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1986:224680 CAPLUS
DOCUMENT NUMBER: 104:224680
TITLE: N,N'-Dialkyl derivatives of 1-phenyl-1,2-diaminoethane
INVENTOR(S): Kotelko, Barbara; Glinka, Ryszard; Krakowiak, Krzysztof
PATENT ASSIGNEE(S): Akademia Medyczna, Lodz, Pol.
SOURCE: Pol., 2 pp.
CODEN: POXXA7
DOCUMENT TYPE: Patent
LANGUAGE: Polish
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PL 126104	B1	19830730	PL 1979-220103	19791203

PRIORITY APPLN. INFO.: PL 1979-220103 19791203
AB RNHCHPhCH2NHR (I; R = Et, Pr, CHMe2, Bu, CH2Ph) are prepared by condensation of I (R = H) (II) with aldehydes or ketones and subsequent reduction with H for 0.5-20 h at 50-150° and (2.66-13.33) + 103 Pa in the presence of Adams' or a Rh catalyst. The products have sympathomimetic (especially antihypertensive) effects (no data). Thus, a mixture of 44 weight parts
II HCl (R = H), 300 volume parts acetone, and 1 weight part Rh catalyst was heated for 10 h at 80° and 9.99 + 103 Pa H to give 51% I (R = CHMe2).

L8 ANSWER 47 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1983:422373 CAPLUS
DOCUMENT NUMBER: 99:22373
TITLE: Selective reductions of 3-substituted hydantoins to

4-hydroxy-2-imidazolidinones and vicinal diamines
AUTHOR(S): Cortes, Sergio; Kohn, Harold
CORPORATE SOURCE: Dep. Chem., Univ. Houston, Houston, TX, 77004, USA
SOURCE: Journal of Organic Chemistry (1983), 48(13), 2246-54
CODEN: JOCEAH; ISSN: 0022-3263
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 99:22373
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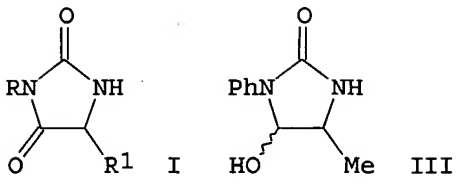

AB Mild LiAlH4 reduction of title hydantoins I (R = H, Me, Bu, Ph; R1 = H, Me, Ph) gave 4-hydroxy-2-imidazolidinones in good yields. Reduction of 3,5-disubstituted hydantoins with an aliphatic substituent at N-3 gave the cis adduct preferentially, whereas an aryl substituent gave the trans-isomer as the major product. Reduction in refluxing THF 3 days gave, by selective ring opening, ethylenediamines RNHCH2CHR1NHMe (II). IR, 1H and 13C NMR, and mass spectra were determined for all compds. Various NMR aids gave stereochem. assignment of the isomeric cis and trans-4-hydroxy-2-imidazolidinones, e.g. III.

L8 ANSWER 48 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1982:68955 CAPLUS
DOCUMENT NUMBER: 96:68955
TITLE: Synthesis of new 7-, 8-, and 9-membered heterocyclic systems with oxygen and nitrogen as the heteroatoms. IV. Synthesis of new derivatives of octahydro-1,4,7-oxadiazonine
AUTHOR(S): Krakowiak, Krzysztof; Glinka, Ryszard; Kotelko, Barbara
CORPORATE SOURCE: Inst. Technol. Chem. Pharm. Prod., Sch. Med., Lodz, 90-145, Pol.
SOURCE: Acta Poloniae Pharmaceutica (1981), 38(1), 61-7
CODEN: APPHAX; ISSN: 0001-6837
DOCUMENT TYPE: Journal
LANGUAGE: Polish
OTHER SOURCE(S): CASREACT 96:68955
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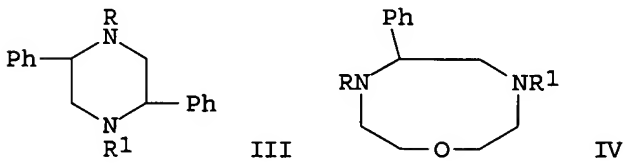

AB PhCHRCH2R1 (I, R = R1 = NH2.HCl) autoclaved at 140-50° in iso-BuOH with 1 mol (ClCH2CH2)2O (II) gave 18.5% I (R = R1 = 4-morpholinyl) and 31% I (R = NH2, R1 = 4-morpholinyl); there was no trace of the formation of the imidazolidine system. In an analogous reaction, I (R = R1 = NHBu, NHCH2Ph) gave the corresponding III in 28 and 26% yield, resp. When the reaction between I (R = R1 = NHBu, NHCH2Ph) and II was carried out at

130° in decalin, the product were 30 and 34% IV, resp.

L8 ANSWER 49 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1981:603460 CAPLUS
DOCUMENT NUMBER: 95:203460
TITLE: Preparation of 1-phenyl-1,2-diaminoethane (styrenediamine) and its new N,N'-dialkyl derivatives
AUTHOR(S): Krakowiak, Krzysztof; Glinka, Ryszard; Kotelko, Barbara
CORPORATE SOURCE: Inst. Technol. Chem. Pharm. Prod., Sch. Med., Lodz, 90-145, Pol.
SOURCE: Acta Poloniae Pharmaceutica (1980), 37(6), 619-23
CODEN: APPHAX; ISSN: 0001-6837
DOCUMENT TYPE: Journal
LANGUAGE: Polish
OTHER SOURCE(S): CASREACT 95:203460
AB PhCH(CN)NHAc was hydrogenated under pressure in presence of Raney Ni W-4 and some Na and the product treated with Ac2O to give 47% PhCH(NHAc)CH2NHAc, which, refluxed with 5N HCl, yielded 81% PhCH(NH2)CH2NH2.2HCl (I). PhCHBrCH2Br was heated with excess RNH2 (R = Et, Pr, Bu, Ph, and PhCH2) and some H2O to to give 6-29% PhCH(NHR)CH2NHR (II). I was reductively alkylated with Me2CO to give 51% II (R = Me2CH).

L8 ANSWER 50 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1975:86174 CAPLUS
DOCUMENT NUMBER: 82:86174
TITLE: Identification of components in the reaction mixture from 4-bromobenzonitrile catalytic hydrogenation under pressure to verify the reaction mechanism
AUTHOR(S): Kalamar, J.; Mravec, D.
CORPORATE SOURCE: Chemickotechnol. Fak., Slov. Vys. Sk. Tech., Bratislava, Czech.
SOURCE: Zbornik Prac Chemickotechnologickej Fakulty SVST (1974), Volume Date 1972 217-22
CODEN: ZPCTA7; ISSN: 0524-2185
DOCUMENT TYPE: Journal
LANGUAGE: Slovak
AB p-BrC6H4CH2NH2, PhCH2NH2, (p-Br-C6H4CH2)2NH, (p-BrC6H4CH2)3N, p-BrC6H4CH2N:CHC6H4Br-p, and p-BrC6H4CH(NH2)NHCH2C6H4Br-p were identified in the Raney Ni catalyzed hydrogenation product of p-BrC6H4CN.

L8 ANSWER 51 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1964:90518 CAPLUS
DOCUMENT NUMBER: 60:90518
ORIGINAL REFERENCE NO.: 60:15770c-d
TITLE: Oxidation of primary, secondary, and tertiary amines with neutral potassium permanganate. II
AUTHOR(S): Shechter, Harold; Rawalay, Surjan Singh
CORPORATE SOURCE: Ohio State Univ., Columbus
SOURCE: Journal of the American Chemical Society (1964), 86(9), 1706-9
CODEN: JACSAT; ISSN: 0002-7863
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable
OTHER SOURCE(S): CASREACT 60:90518
AB Oxidation of benzhydrylamine with buffered permanganate at 25° gave N-diphenylmethylenebenzhydrylamine and ammonia; in hot excess permanganate, benzophenoneazine (I) is formed. Reaction of benzophenoneimine with neutral permanganate in aqueous tert-BuOH yielded I and benzophenone. Dibenzylamines are oxidized to their corresponding N-[α-(dibenzylamino)benzyl] benzamides. N-Phenylbenzhydrylamine is converted by permanganate to N-diphenylmethyleneaniline and N - (diphenylmethyl) - N,N',1,1 - tetraphenylmethanediamine. Bu3N reacts with neutral permanganate to give N,N-dibutylformamide, N,N-dibutylbutyramide,

dibutylamine, butyraldehyde, and butyric acid. Benzaldehyde and benzoic acid are the products of oxidation of tribenzylamine. Possible mechanisms of these various oxidns. are discussed.

L8 ANSWER 52 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1962:18115 CAPLUS
DOCUMENT NUMBER: 56:18115
ORIGINAL REFERENCE NO.: 56:3405f-i,3406a-f
TITLE: Bacteriostats. V. The preparation and bacteriostatic properties of amidine derivatives
AUTHOR(S): Garmaise, D. L.; Kay, R. W.; Gaudry, R.; Baker, H. A.; McKay, A. F.
CORPORATE SOURCE: Mortsanto Can. Ltd., LaSalle
SOURCE: Canadian Journal of Chemistry (1961), 39, 1493-501
CODEN: CJCHAG; ISSN: 0008-4042
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable
OTHER SOURCE(S): CASREACT 56:18115

AB Amidines were prepared by the reaction of amines with iminoether hydrochlorides or imidic chlorides and by the condensation of amine hydrochlorides with dinitriles. Thus, a solution of 20.67 g. 3,4-Cl2C6H3CH2CN (I) and 3.56 g. anhydrous MeOH in 250 mL. Et2O saturated with HCl at 0° and kept at 5° 4 days gave 63.6% 3,4-Cl2CoH3CH2C(OMe):NH.HCl (II), m. 105°. A solution of 3.4 g. II and 2.34 g. 3,4-Cl2C6H3CH2NH2 (III) in 30 mL. MeOH was kept at room temperature 4 days to yield 59% N-(3,4-dichlorobenzyl)-3,4-dichlorophenylacetamidine, m. 96-8° (Et2O-petr. ether). Similarly, with 3,4Cl2C6H3CH2CH2NH2, II gave 45.6% N-(3,4-dichlorophenethyl)-3,4-dichlorophenylacetamidine, m. 78-80°. N-(3,4Dichlorobenzyl)-3,4-dichlorobenzamide (10.4 g.), m. 131- 2.5°, prepared from III.HCl and 3,4-Cl2C6H3COCl, was converted with PCl5 to N-(3,4-dichlorobenzyl)-3,4-dichlorobenzimidic chloride (IV), m. 83-6°. A solution of IV and 5.3 g. III in 25 mL. Et2O after 3 days gave N,N'-bis(3,4-dichlorobenzyl)-3,4-dichlorobenzamidine, m. 117-18°, as the hydro- chloride, m. 243-4.5°, in 15.1% yield. 4-ClC6H4CH2NH2 (V) and IV gave N-(4-chlorobenzyl)-N'-(3,4-dichlorobenzyl)3,4-dichlorobenzamidine, m. 121-3°. To the product of the reaction of 1,12-dodecanedicarboxylic acid and SOCl2, NH3 was added to form 1,12-dodecanedicarboxamide, m. 186-7° solidifying and remelting at 194-7°, which was refluxed with SOCl2 in C6H6 to give 1,12-dicyanododecane, b0.04 151-3°, m. 35.5-6°. A mixture of 9.93 g. 3,4-Cl2C6H3-NH2.HCl and 2.71 g. adiponitrile (Vl) was heated at 20510° for 20 min. to yield 38% N,N'-bis(3,4-dichlorophenyl)adipamidine-2HCl, m. 243-4° (MeOH-Et2O). Similarly, 4-ClC6H4NH2.HCl and VI gave 17.4% N,N'-bis(4-chlorophenyl)adipamidine-2HCl, m. 247.5-8°. A mixture of 47 g. III benzenesulfonate was stirred with 7.62 g. VI at 235° for 35 min. to give 11.4% N,-N'-bis(3,4-dichlorobenzyl)adipamidine dibenzenesulfonate, m. 213.5-15°, from which the dihydrochloride, m. 242-4°, was prepared by passage through a column of Amberlite IRA-400 resin. Similarly prepared were the dibenzenesulfonates and dihydrochlorides of N,N'bis(4-chlorobenzyl)adipamidine, m. 194-6° and 204-5°, N,N'-bis(2,4-dichlorobenzyl)adipamidine, m. 197-8° and 224-6°, and N,N'-bis(3,4-dichlorohenzyl)suberamidine, m. 197 5-8.5° and 187-8°, and the amorphous hydrochlorides of N,N'-bis(3,4-dichlorobenzyl)-sebacamidine (VII), N,N'bis(3,4-dichlorobenzyl)dodecanecarboxamidine, and N,N'-bis(3,4-dichlorobenzyl)tetradecanecarboxamidine. A mixture of 14.3 g. p-xylylene dicyanide, m. 95-7°, and 61.3 g. III benzenesulfonate was stirred in a N atmospheric for 90 min. and was extracted with HCONMe2 and MeOH to yield N,N'-bis(3,4-dichlorobenzyl)-p-phenylenediacetamidine (VIII) (dibenzenesulfonate m. 313-14°), the HCONMe2 solution of which reacted with KOH in MeOH to give VIII, m. 168-9° (EtOH). A solution of 150 g. 2,4-bis(chloromethyl)toluene in 200 mL. EtOH added during 30 min. to 100 g. NaCN in 90 mL. H2O, and the mixt refluxed 2 h. gave 49%

toluene-2,4-diacetonitrile, b0.7 182° m. 38-42.5°, from which the benzenesulfonate of N,N'-bis(3,4-dichlorobenzyl)toluene-2,4-diacetamidine (IX) was prepared and converted to the fumarate, m. 190 .5-3° (HCONMe2). Amorphous N,N',N'',N'''-tetrakis(3,4-dichlorobenzyl)sebacamidine was prepared from N,N'-bis(3,4-dichlorobenzyl)sebacimidic chloride and III. Polyamidine salts were prepared under N by the self-condensation of the molten hydrochlorides of 6-cyanohexylamine, 10-cyanodecylamine, and 4-cyanobenzylamine and by the condensation of molten mixts. of hexamethylenediamine hydro chloride with succinonitrile, VI, sebaconitrile, p-xylylene dicyanide, N,N'-bis(4-cyanobutylcarbamoyl)hexamethylenediamine, or N,N'-bis(10-cyanodecylcarbamoyl)hexamethylenediamine. Of the amidines and polyamidines, 21 were tested for bacteriostatic activity on Micrococcus pyogenes var. aureus (S) and (R), Sarcina lutea, Streptococcus faecalis, Escherichia coli, Number 198, Aerobacter aerogenes, Salmonella pullorum, Pseudomonas aeruginosa, Proteus mirabilis, and Proteus vulgaris. In the alkylenediamine series, the activity of N,N'-bis(3,4-dichlorobenzyl) N,N'-dibenzyl < N,N'-diaryl but addnl. 3,4-dichlorobenzyl substitution on N reduced the activity. The alkylene chain length of sebacamidine was most effective. IX.HCl was the most active of the arylenediacetamidines. The minimal growth inhibitory concns. of VII and IX were 1:5,120,000 and 1:1,280,000, resp., for Micrococcus pyogenes var. aureus (R) and 1:10,240,000 and 1:5,120,000, resp., for Sarcina lutea.

L8 ANSWER 53 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1954:32535 CAPLUS
DOCUMENT NUMBER: 48:32535
ORIGINAL REFERENCE NO.: 48:5828i,5829a-d
TITLE: Reactions of dihydrohydrosalicylamide and tetrahydrohydrosalicylamide with copper acetate
AUTHOR(S): Muto, Yoneichiro
CORPORATE SOURCE: Saga Univ.
SOURCE: Nippon Kagaku Kaishi (1921-47) (1953), Pure Chem. Sect. 74, 274-7
CODEN: NIKWAB; ISSN: 0369-4208
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable
GI For diagram(s), see printed CA Issue.
AB cf. following abstract o-HOC6H4CH(N:CHC6H4OH-o)NHCH2C6H4OH-o and (AcO)2Cu in aqueous alc. gave o-HOC6H4CHO (I) and C14H11O2NCu (II), also obtained by Yamaguchi (C.A. 47, 9844h), deep green needles, soluble in C5H5N, insol in H2O, alc., ether, Me2CO, CCl4, and C6H6. This on recrystn. from C5H5NH2O gave II-C5H5N, dark green prisms, which lost C5H5N at 125°. II was decomposed to I by 20% HCl. o-HOC6H4CH(NHCH2C6H4OH-o)2 and (AcO)2Cu in aqueous alc. gave C14H13O2NCu (III), green plates (from MeOH), soluble in C5H5N, MeOH, EtOH, insol. In Me2CO, ether, and C6H6. III gave no I with HCl. The mechanism of the formation of II and III is discussed.

L8 ANSWER 54 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1954:32534 CAPLUS
DOCUMENT NUMBER: 48:32534
ORIGINAL REFERENCE NO.: 48:5828g-i
TITLE: Coordinate valency rings. XXI. Some derivatives of salicylaldimine and hydrosalicylamide
AUTHOR(S): Tsumaki, Tokuichi; Muto, Yoneichiro; Tanaka, Mitsunori
CORPORATE SOURCE: Kyushu Univ., Fukuoka
SOURCE: Nippon Kagaku Kaishi (1921-47) (1953), Pure Chem. Sect. 74, 161-4
CODEN: NIKWAB; ISSN: 0369-4208
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable
AB cf. C.A. 47, 6426c. Hydrosalicylamide (I) (1 g.) and 0.5 g. hexamminecobaltic chloride in aqueous MeOH heated for a while on a water bath,

the solvent evaporated, and the black residue extracted with MeOH gave tri-salicylaldiminecobalt, (C7H6ON)3Co, also obtained from salicylaldiminecobalt by oxidation with air or 3% H2O2 (cf. Endo, C.A. 42, 1576h), dark green needles, soluble in MeOH, EtOH, Me2CO, C5H5N, and PhNO2. Similarly prepared were the 5-Cl, dark yellowish green needles, 5-Br, dark greenish yellow needles, 5-NO2 and 3-NO2 both dark reddish brown powders, analogs. I and (AcO)2Cu in alc. gave dark green salicylaldiminecopper, (C7H6ON)2Cu, and o-HOC6H4CHO (identified as the 2,4-dinitrophenylhydrazone). In none of the above expts. was any complex salt containing a I moiety detected. Such a result might cast a doubt on the validity of the usual structure assigned to I, but in conformity with that structure I hydrogenated in MeOH with PtO2 gave o-HOC6H4CH(N:CHC6H4OH-o)NHCH2C6H4OH-o, pale yellow prisms, m. 180° (from MeOH), and further reduction yielded a tetrahydro compound, colorless needles,m. 172° (from MeOH).

L8 ANSWER 55 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1949:34145 CAPLUS
DOCUMENT NUMBER: 43:34145
ORIGINAL REFERENCE NO.: 43:6176c-i
TITLE: A new method of preparation of homologs of ethylenediamine
AUTHOR(S): Funke, Albert; Kornmann, Pierre
SOURCE: Bulletin de la Societe Chimique de France (1949) 241-5
CODEN: BSCFAS; ISSN: 0037-8968
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

AB PhCH(CN)NH2 and BzCl give phenylbenzamidoacetonitrile, m. 158°. BzH, NaHSO3 and MeNH2 are stirred together and KCN added. The resulting oil with Ac2O gives phenyl(N-methylacetamido)acetonitrile, b0.75 153-5°. In an analogous manner the following acetonitriles are prepared: 30% phenyl(N-methylbenzamido), m. 44°; 60% phenyl(N-ethylamino), b0.75 155-7°, m. 43-4°; phenyl(N-ethylbenzamido), m. 63°; 50% phenyl(carbethoxyethylamino), b1 135-7°; 68% phenyl(N-isopropylacetamido), b0.20 148-50°, m. 95°; 63% (p-methoxyphenyl)(N-ethylacetamido), b0.20 173°; 39% (p-methoxyphenyl)(carbethoxyethylamino), b1 158-60°; phenyl(N-benzylbenzamido), m. 153°; 87% phenyl(N-cuminylbenzamido), m. 147°. Reduction of these compds. in absolute EtOH over Raney Ni gives the following ethylenediamines: N1-acetyl-1-Ph, b0.25 185-90° (HCl salt, m. 210°); N1-benzoyl-1-Ph (HCl salt, m. 216°); 66% N1-methyl-N1-acetyl-1-Ph, b0.05 101-4°; N1-methyl-N1-benzoyl-1-Ph, b0.07 165-70°, m. 72-3°; 53% N1-ethyl-N1-acetyl-1-Ph, b0.04 104-8°; 65% N1-isopropyl-N1-acetyl-1-Ph, b0.05 107-10°; N1ethyl-N1-acetyl-1-(p-methoxyphenyl), b0.08 138-41°; N1ethyl-N1-carbethoxy-1-Ph [HCl salt (I), m. 154-5°]: N1-ethyl-N1-carbethoxy-1-(p-methoxyphenyl) [HCl salt (II), m. 151-2°]; 70% N1-benzoyl-N1-benzyl-1-Ph (HCl salt, m. 107-8°); N1-benzoyl-N1-cuminyl-1-Ph (HCl salt, m. 100°). The free base from I with BzH gives 52% N1-ethyl-N1-carbethoxy-N2-benzyl-1-phenylethylenediamine (HCl salt, m. 141°). Similarly, with Et2CHCHO, I gives N1-ethyl-N1-carbethoxy-N2-(2, 2-diethylethyl)-1-phenylethylenediamine (HCl salt, m. 125°), and with MeOC6H4CHO, I gives N1-ethyl-N1-carbethoxy-N2-(p-methoxybenzyl)-1-phenylethylenediamine (HCl salt, m. 168°). The Bz and CO2Et derivs. can be saponified easily by acids, but the Ac derivs. must be heated in an alkaline medium, and yields are below 20%. In these ways, the following ethylenediamines are obtained: N1-methyl-1-Ph, b0.15 78-81° (HCl salt, m. 230°); N1-ethyl-1-Ph, b0.05 85-7° (HCl salt, m. 219°); N1-isopropyl-1-Ph (picrate, m. 192°); N1-benzyl-1-Ph (HCl salt, m. 194-6°); N1-cuminyl-1-Ph (HCl salt, m. 167°); N1-ethyl-N1-(2, 2-diethylethyl)-1-Ph (HCl salt, m. 210°); N1-ethyl-N2-benzyl-1-Ph (HCl salt, m. 203 5°). When II is heated with acid, resin and some MeOC6H4CH(OH)CH2NH2.HCl, m. 172-5°, are

formed. With KOMe, II gives 1-ethyl-5-(p-methoxyphenyl)-2-imidazolidone, which is refluxed 8 h. with HCl in HOAc to give N1-ethyl-1-(p-methoxyphenyl) ethylenediamine (HCl salt m. 180-90°).

L8 ANSWER 56 OF 56 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1928:27022 CAPLUS
DOCUMENT NUMBER: 22:27022
ORIGINAL REFERENCE NO.: 22:3149d-f
TITLE: Benzylideneaniline and benzylidene-p-toluidine as ammono aldehyde acetals
AUTHOR(S): Strain, Harold H.
CORPORATE SOURCE: Stanford Univ.
SOURCE: Journal of the American Chemical Society (1928), 50, 2218-23
CODEN: JACSAT; ISSN: 0002-7863
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable
AB Exptl. evidence is presented to show that PhCH:NPh and p-MeC6H4CH:NPh are aldehyde. acetals of the NH3 system of compds. Allowed to stand in liquid NH3 for 30-35 days there results amarine and PhNH2 or p-MeC6H4NH2; the reaction was completed in 1014 hrs. by heating in the presence of NH4Cl at 120-50°. With KNH2 in liquid NH3 at room temperature, the bases undergo the Cannizzaro reaction, yielding benzylphenylbenzamidine, identified as the benzenesulfonyl derivative, m. 148°, and benzyl-p-tolylbenzamidine, m. 127-7.5°, also prepared synthetically. With an alkali cyanide in liquid NH3, these bases undergo the benzoin condensation, forming benzoinanilanilide, yellow, with a greenish fluorescence, softens at 185°, m. 200°, and benzoin-p-tolyl-p-toluide, m. 122°. PhCH:NPh is nitridized with difficulty giving tar-like decomposition products with a small quantity of PhCN. When treated with small quantities of alkali, polymerized compds. are formed; PhCH:NHPh gives a compound C33H29N3, m. 132-4°, which forms a soluble HCl salt. The polymer from p-MeC6H4CH:NPh, C35H33N3, m. 136-7°.